

## Checklist for implementation of the measures listed under Appendix no. 1 and 2 to the Environmental Management Plan

Appendix no. 1

to the Final Report on the implementation of the measures specified in the EMP

for Contract 2A.1/1

### Odra-Vistula Flood Management Project

Subcomponent	2A: Active protection
Contract	<b>2A.1/1 – Construction of “Boboszków” – a dry flood control reservoir on Nysa Kłodzka River</b>
Employer / Project Implementation Unit	State Water Holding Polish Waters Regional Water Management Authority in Wrocław
Project Implementation Office (PIO)	Project Implementation Office of the Odra-Vistula Flood Management Project
Works Contractor	Przedsiębiorstwo Robót Wodnych i Ekologicznych “EKO-WOD” sp. z o. o. – Leader Przedsiębiorstwo Wielobranżowe “Franślaw” Piotr Kalemba – Partner  12-14. Towarowa St. 58-100 Świdnica
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This document – constituting **Appendix no. 1** to the *Final Report on the implementation of the measures listed under the Environmental Management Plan for Contract 2A.1/1* (reporting period: January 25th, 2018 – October 31st, 2024), elaborated by the Engineer/Consultant – consists of the following 3 parts:

- Part I. Checklist for implementation of mitigation measures listed under Appendix 1 to the EMP for Contract 2A.1/1
- Part II. Checklist for implementation of monitoring measures listed under Appendix 2 to the EMP for Contract 2A.1/1
- Part III. Quantitative list of implementation of measures listed under Appendix 1 and 2 to the EMP within the reporting period

## Part I. Checklist for implementation of mitigation measures listed under Appendix 1 to the EMP for Contract 2A.1/1

Explanation for the checklist presented in Part I

The measures listed under Appendix 1 to the EMP for Contract 2A.1/1 are grouped in 22 area categories (designated with letters A.- W.):

Cat.	Category Name	Item at EMP checklist
A.	Requirements on schedule of works	1-3
B.	Requirements on traffic system of the Task implementation area	4
C.	Requirements on locations of site facilities and service roads and yards	5-6
D.	Requirements on quality and management of soils	7-9
E.	Requirements on handling of topsoil	10
F.	Requirements on felling of trees and bushes	11-19
G.	Requirements on protection of trees and bushes not intended for felling	20-26
H.	Requirements on securing protected natural resources	27-43
I.	Detailed requirements on works in beds of watercourses	44-63
J.	Detailed requirements on works when relocating power lines	64-65
K.	Detailed requirements on final lighting for the reservoir area	66
L.	Requirements on recreation of the site after completion of construction works	67-70
M.	Requirements on prevention of environmental pollution	71-90
N.	Requirements on waste management	91-95
O.	Requirements on health and safety protection	96-101
P.	Requirements on extraordinary threats to the environment	102-104
R.	Requirements on conservation of historic monuments	105-107
S.	Measures related to the restoration of natural environment resources	108-117
T.	Implementation of the measures specified in RDOŠ decision permitting derogations from prohibitions on protection of species of plants and animals	118
U.	Requirements on verification of geodetic division used in the EMP	119
V.	Requirements on the Contractor's personnel implementing the EMP	120-125
W.	Requirements on reporting of EMP implementation	126-128

The numbers in the column "*Item on the EMP checklist*" – from 1 to 128 – stand for the numbers of relevant mitigation measures, according to the numbering in Appendix 1 of the EMP.

The following is given for each of mitigation measures:

- Description of the measure (marked with ***bold and italicised font*** together with number in the column "Item");
- Literal content of the measure in the wording of Appendix 1 of the EMP;
- Description of the implementation status of the measure in the reporting period.

Table 1. Checklist for implementation of the mitigation measures listed under Appendix 1 to the EMP for Contract 2A.1/1.

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
1.	<p><b>EMP conditions on the time of works</b></p> <p>When setting work schedules and at the stage of their implementation, the EMP conditions regarding the dates and time of conducting various types of work should be taken into account:</p> <p>commencement date of works (see item 27);</p> <p>dates of implementation of selected elements of the Task (see items 28, 29);</p> <p>dates for notification and site visits of the fishing user (see item 44);</p> <p>acceptable dates of works in the riverbed of the Nysa Kłodzka (see item 46);</p> <p>acceptable dates for first-time passing of water through the tunnel in the reservoir dam (see item 59);</p> <p>acceptable hours of conducting the works (see item 84);</p> <p>acceptable dates for removal of the topsoil layer (see item 10 point b);</p> <p>acceptable dates of felling trees and bushes (see item 11);</p> <p>acceptable dates for grubbing the felled trees and bushes on slopes of watercourse channels (see item 18);</p> <p>dates of environmental supervision inspections before felling of trees (see item 17);</p> <p>end date for felling trees and bushes (see item 19);</p> <p>dates of environmental supervision inspections before demolition of building structures (see item 34);</p> <p>agreeing deadlines for carrying out land reclamation works (see item 67);</p> <p>dates for planting tree- and bush-based vegetation (see items 108, 109, 110, 111, 112);</p> <p>dates for mowing of meadows in the reservoir dam (see item 113);</p>	<p><b>Implementation status for particular elements:</b></p> <p><u>a. commencement date of works</u></p> <p>See: description under item no. 27.</p> <p><u>b. dates of implementation of selected elements of the Task</u></p> <p>See: description under items no. 28 and 29.</p> <p><u>c. dates for notification and site visits of the fishing user</u></p> <p>See: description under item no. 44.</p> <p><u>d. acceptable dates of works in the riverbed of the Nysa Kłodzka</u></p> <p>See: description under item no. 46.</p> <p><u>e. acceptable dates for first passing of water through the tunnel in the reservoir dam</u></p> <p>See: description under item no. 59.</p> <p><u>f. acceptable hours of works</u></p> <p>See: description under item no. 84.</p> <p><u>g. acceptable dates for removal of the topsoil layer</u></p> <p>See: description under item no. 10(b)</p> <p><u>h. acceptable dates of felling trees and bushes</u></p> <p>See: description under item no. 11.</p> <p><u>i. acceptable dates for grubbing the felled trees and bushes on slopes of watercourse channels</u></p> <p>See: description under item no. 18.</p> <p><u>j. dates of environmental inspection before felling of trees</u></p> <p>See: description under item no. 17.</p> <p><u>k. end dates for felling trees and bushes</u></p> <p>See: description under item no. 19.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>dates for hanging nesting boxes and platforms for birds (see items 114, 115, 116);</p> <p>dates for hanging boxes for bats (see item 117);</p> <p>deadlines for reporting the implementation of the EMP (see items 126, 127, 128).</p>	<p><u>l. dates of environmental supervision inspections before demolition of building structures</u></p> <p>See: description under item no. 34.</p> <p><u>m. agreeing deadlines for carrying out land reclamation works</u></p> <p>See: description under item no. 67.</p> <p><u>n. dates for planting tree- and bush-based vegetation</u></p> <p>See: description under items no. 108, 109, 110, 111, 112.</p> <p><u>o. date for mowing of meadows in the reservoir dam</u></p> <p>See: description under item no. 113.</p> <p><u>p. dates for hanging nesting boxes and platforms for birds</u></p> <p>See: description under items no. 114, 115, 116</p> <p><u>r. dates for hanging boxes for bats</u></p> <p>See: description under item no. 117.</p> <p><u>s. deadlines for reporting the implementation of the EMP</u></p> <p>See: description under items no. 126, 127, 128</p>
2.	<p><b>EMP conditions on activities to be carried out before or at the initial stage of works</b></p> <p>When setting work schedules and at the stage of their implementation, the EMP conditions should be taken into account regarding activities to be carried out before or at the initial stage of works, including:</p> <ul style="list-style-type: none"> <li>a) development and furnishing of the site facilities, as well as technological roads and yards (see item 5, and also items 73, 75, 76, 77, 78, 79, 80, 81, 90, 92, 93, 94, 99, 100);</li> <li>b) conditions for traffic services for the construction site (see item 4);</li> </ul>	<p><b>Implementation status for particular elements:</b></p> <p><u>a. development and furnishing of the site facilities, as well as technological roads and yards</u></p> <p>See: description under items no. 5, 73, 75, 76, 77, 78, 79, 80, 81, 90, 92, 93, 94, 99, 100.</p> <p><u>b. traffic services for the construction site</u></p> <p>See: description under item no. 4.</p> <p><u>c. quality tests of land and river sediments</u></p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>c) conditions for quality (pollution) tests of land and river sediments (see item 7);</p> <p>d) the condition for removing and securing the topsoil layer (see item 10);</p> <p>e) the condition for securing trees and bushes unintended for removal (felling) (see item 20);</p> <p>f) the condition for the execution of nature inventory (see item 30);</p> <p>g) the condition concerning the protection of natural habitat boundaries (see item 15, 31);</p> <p>h) the condition for securing the building site against the entry of small animals (see item 36);</p> <p>i) the condition for notification and site visit of the fishing user (see item 44);</p> <p>j) conditions for the development of selected documents (see items 67, 91, 96, 102, 106, 108, 109, 110, 111, 113, 114, 115, 116, 117, 122, 126);</p> <p>k) conditions for documentation of technical condition of buildings and infrastructure facilities (see items 4 and 98);</p> <p>l) the condition for sapper reconnaissance of the construction site (see item 97);</p> <p>m) the condition for inventory of illegal landfills (see item 95);</p> <p>n) the condition for obtaining the opinion of the conservator of monuments (see item 105);</p> <p>o) the condition for obtaining the Engineer's approval for the EMP co-ordinator and the composition of the team of environmental experts, the team of archaeological experts and the team of sapper supervision (see items 121, 122, 123 and 124).</p> <p>p) the condition for training on the guidelines of the EMP implementation (see item 120).</p>	<p>See: description under item no. 7.</p> <p><u>d. removing and securing the topsoil layer</u></p> <p>See: description under item no. 10.</p> <p><u>e. securing trees and bushes unintended for removal (felling)</u></p> <p>See: description under item no. 20.</p> <p><u>f. execution of nature inventory</u></p> <p>See: description under item no. 30.</p> <p><u>g. protection of natural habitat boundaries</u></p> <p>See: description under items no. 15 and 31.</p> <p><u>h. securing against the entry of small animals</u></p> <p>See: description under item no. 36.</p> <p><u>i. site visit of the fishing user</u></p> <p>See: description under item no. 44.</p> <p><u>j. development of selected documents</u></p> <p>See: description under items no. 67, 91, 96, 102, 106, 108, 109, 110, 111, 113, 114, 115, 116, 117, 122, 126.</p> <p><u>k. technical condition of buildings and infrastructure facilities</u></p> <p>See: description under items no. 4 i 98</p> <p><u>l. sapper reconnaissance of the construction site</u></p> <p>See: description under item no. 97.</p> <p><u>m. inventory of illegal landfills</u></p> <p>See: description under item no. 95.</p> <p><u>n. obtaining the opinion of the conservator of monuments</u></p> <p>See: description under item no. 105.</p> <p><u>o. Engineer's approval for the EMP co-ordinator and the composition of the team of environmental experts, the team of archaeological experts and the team of sapper supervision</u></p> <p>See: description under items no. 121, 122, 123 and 124).</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
		<p><u>n. training on the guidelines of the EMP implementation</u></p> <p>See: description under item no. 120.</p>
3.	<p><b><i>Maintaining the road connection between the villages of Boboszków and Pisary</i></b></p> <p>A direct road connection between the villages of Boboszków and Pisary (along municipal road 119952D, along the section to be relocated in connection with the construction of the reservoir), accessible to cars, trucks and buses, shall be provided for the entire construction period.</p> <p>The optimum solution would be to construct the new section of municipal road 119952D before the start of the works phase requiring the closure and removal of the existing section of this road.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 and was continued for the entire period of execution of works.</p>
4.	<p><b><i>Conditions of use of access roads to the Task implementation area</i></b></p> <p>The following conditions apply to the use of access roads to the Task implementation area:</p> <ul style="list-style-type: none"> <li>a) Access to the Task implementation area should be determined on the basis of existing roads;</li> <li>b) The Contractor shall ensure proper markings of all access roads to the Task implementation area in accordance with applicable law and as agreed with the relevant Road Management Authorities. These markings will be monitored regularly, and in the case of damage or theft, the Contractor shall immediately restore or supplement these markings;</li> <li>c) The Contractor shall ensure the protection of people against increased vehicular traffic on roads used during the construction works. During the period of Task performance, the Contractor shall supply, install and operate all temporary safety devices, ensuring the safety of vehicles and pedestrians;</li> <li>d) Paved surfaces (e.g. access roads) used for vehicle transportation of aggregate and building materials should be maintained in good technical condition;</li> <li>e) The Contractor shall apply to statutory restrictions for the axle load at the transport of materials to and from the Task implementation area. The Contractor shall obtain all necessary permits for the transport of atypical loads and continuously notify the Engineer of any such carriage;</li> <li>f) The Contractor shall be responsible for all damage to buildings and structures, roads,</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 and was continued for the entire period of execution of works.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>drainage ditches, culverts, water and gas pipes, power poles and lines, cables, points of geodetic control network and installation of any kind, and objects of another kind as horizontal and vertical marking, navigation marking, signage, cultural objects, etc., caused by him or his Subcontractors within the Task implementation period. The Contractor is also responsible for restoring the flow capacity of ditches and drainage installations in the area of the works being conducted and the transport routes being used in the event of damages caused by the execution of works and transport related to the management of works. The Contractor shall immediately repair, at its own expense, all damages arisen and – when necessary – shall carry out other works ordered by the Engineer;</p> <p>g) The Contractor is required to prepare the photographic documentation of the whole Task implementation area and access roads, with particular emphasis on the technical condition of the roads and buildings located near the roads for transport of construction materials;</p> <p>h) Before commencing the works, the Contractor will carry out local site inspections in the presence of the Road Management Authorities, which will result in drawing up protocols on the condition of access roads to the Task implementation area. On this basis, the Contractor shall be obliged to reconstruct the technical condition of the roads prior to the Task implementation period;</p> <p>i) The Contractor is obliged to agree with the Road Management Authorities of the traffic arrangement and works security plan. The Contractor is obliged to carry out the traffic organisation according to the agreed designs (marking and securing the Task implementation area and marking detours and recommended road marking connected with a change of traffic organisation, etc.);</p> <p>j) Prior to the commencement of works, the Contractor shall submit to the Engineer for approval the traffic organisation plan and works protection plan as agreed upon with Road Management Authorities and traffic authorities as well as the traffic management schedule. Depending on the needs and progress of works, the traffic</p>	



Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	organisation plans shall be updated by the Contractor on a regular basis.	
5.	<p><b><i>Obligation to build construction site facilities, technological roads and yards</i></b></p> <p>Before starting the construction works, it is necessary to build site facilities, technological roads and yards.</p> <p>Construction site facilities are used to store building materials, for garaging, refuelling and repairing of vehicles, machines and equipment, and to provide location of social facilities (locker rooms, office, workshop, portable sanitary cabins) and waste containers.</p> <p>Equipment of site facilities should meet, among others, the conditions specified in items 73, 75, 76, 77, 78, 79, 80, 81, 90, 92, 93, 94, 99, 100.</p> <p>When planning the above components of the construction site, it is needed to ensure limitation of their area to a necessary minimum.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2019 and was continued for the entire period of execution of works.</p>
6.	<p><b><i>Conditions for locations of site facilities and technological roads and yards</i></b></p> <p>The construction site facilities and technological roads and yards should be located:</p> <ul style="list-style-type: none"> <li>a) outside areas covered by tall greenery (trees, bushes), which are to be left in accordance with the design documentation;</li> <li>b) outside the area of identified natural habitats and outside the area of habitats and places of occurrence of protected species intended to be preserved in the construction design;</li> <li>c) beyond the reach of the flood waters;</li> <li>d) beyond the protective zone of groundwater in-takes;</li> <li>e) in the areas ensuring no impact of noise on acoustically protected areas;</li> <li>f) at a distance of not less than 100 m from existing water courses and wetland sites (applies to construction site facilities);</li> <li>g) as a first step, consideration should be given to locating construction site facilities in the west part of the Boboszów – Pisary road, on parts of plots nos. 33 and 58 AM 1, precinct of Boboszów and possibly on parts of plots nos. 53 and 50 AM 1, precinct of Boboszów (as per the project description, provided as an appendix to the environmental decision issued by RDOŚ in Wrocław on 02/27/2015).</li> </ul> <p>Designed locations of site facilities as well as technological roads and yards should be agreed with a team of environmental experts, referred to in item 122 (including i.a. an expert phytosociologist) and</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2019 and was continued for the entire period of execution of works.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	submitted, together with the above arrangements, to the Engineer for approval. Note! Before commencing the implementation of this measure, one shall identify the current location of the boundaries of the areas described using numbers of register plots (see clause e), according to the conditions defined in item 119.	
7.	<p><b>Quality tests (state of pollution) of land on the Task implementation area</b></p> <p>Prior to the commencement of earthworks, it is necessary to perform quality tests (pollution status) of land on the Task implementation area (including earth mass outside the riverbeds of watercourses and sedimentation in riverbeds of watercourses), planned for:</p> <ul style="list-style-type: none"> <li>a) management within the boundaries of a building site (including use for construction purposes) or</li> <li>b) removal outside the boundaries of the construction site.</li> </ul> <p>The purpose of the tests is to:</p> <ul style="list-style-type: none"> <li>• determine the possibilities of these land use within the boundaries of the construction site, in accordance with applicable regulations, and</li> <li>• establish an acceptable method of dealing with the land not usable within the construction site boundaries.</li> </ul> <p>The tests should be performed in accordance with current regulations, including the Waste Act, Environmental Protection Law and implementing acts to the above laws.</p> <p>The tests should be carried out by an accredited laboratory, approved by the Engineer.</p> <p>Before starting the tests, the Contractor shall submit the methodology of planned examination to the Engineer for approval.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 3rd quarter of 2019 and was continued until the 1st quarter of 2020.</p>
8.	<p><b>Management of soils coming from the construction site</b></p> <p>Soils located on the construction site (including the earth mass outside the watercourse riverbeds and the settlement of watercourse riverbeds) should be used at the construction site in the first place. The remaining excess of soil should be managed in accordance with applicable regulations and design documentation. The procedure for the waste land should be presented in the Plan of waste management, developed by the Contractor and submitted to the Engineer for approval before the commencement of works (according to item 91).</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2019 and was continued for the entire period of execution of works.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
9.	<p><b>Requirements concerning soils or aggregates from outside of the construction site</b></p> <p>Soils (including the earth masses) and aggregates used for construction works, and coming from outside the construction site, shall meet the requirements for soil quality standards and earth quality standards (in accordance with the Environmental Protection Law and its implementing acts), as well as in all other applicable regulations and standards (including the conditions of item 71 of appendix 1 of the EMP).</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2019 and was continued for the entire period of execution of works.</p>
10.	<p><b>Removal, storage, and use of topsoil</b></p> <p>In order to protect topsoil in the Task implementation area:</p> <ul style="list-style-type: none"> <li>a) remove at least 0.2 m of fertile soil (referred to as topsoil) prior to commencement of any construction works in individual parts of the Task implementation area (this condition applies to all locations in the Task implementation area where the existing topsoil layer could become degraded in relation to works, movement, and maintenance of machinery and devices, storage of materials etc.);</li> <li>b) works connected with topsoil layer removal from within the reservoir's bowl area should be performed in the period between the beginning of September and the end of April, while in other locations (especially intended for the dam, spillways, roads) removal of the topsoil may be performed throughout the year under the ongoing nature supervision of the following experts: phytosociologist, herpetologist and ornithologist;</li> <li>c) the collected topsoil should be stored within the area of construction site facilities or in other places with hardened surface, in heaps not wider than 3.0 m and not higher than 1.5 m;</li> <li>d) the topsoil coming from the places where protected butterfly species occur (referred to in item 118 point 3) should be separated and labelled in such a way as to enable to perform the conditions defined in item 67 point b);</li> <li>e) the detailed location of topsoil heaps should be agreed in advance with the team of environmental experts referred to in item 122 (including an expert phytosociologist) so that storage of topsoil does not result in degradation of natural habitats and natural conservation sites for</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was started in the 1st quarter of 2019 and was continued for the entire period of execution of works. Problems occurred with the implementation of the measure in the period of the 4th quarter of 2020 and in the 3rd quarter of 2021.</p> <p>It was found that the topsoil heaps located on the Construction Site had been driven over by a vehicle working on site and polluted with loose construction material. The Contractor did not properly protect the stored topsoil against pollution, driving of vehicles and compaction. In addition, the topsoil in the heaps also came from the sites of protected butterfly species. The Engineer provided his comments to the Contractor, who removed the defaults by protecting the topsoil heaps in line with the provisions of the EMP.</p> <p>The above default had no actual impact on the environment.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>protected species and does not have a negative impact on health of trees and bushes (see the condition in item 21);</p> <p>f) stored topsoil heaps should be protected from damage, pollution, running over, thickening, storage of building materials, etc.;</p> <p>g) stored topsoil heaps should be regularly sprinkled with water depending on the weather (never allow the heaps to become dry for over 5 days);</p> <p>h) after completion of construction works, stored topsoil should be used to restore the layer of fertile soil as per the conditions specified in item 67 of the table.</p> <p>Information on the implementation of this measure in respect of securing the topsoil coming from the areas referred to in item 118 point 3 shall be provided in accordance with the conditions of item 128.</p> <p>[see also item 118 point 3]</p>	
11.	<p><b>Acceptable date of felling trees and bushes</b></p> <p>The felling of trees and bushes should only be performed in the period from September 1st to February 28th.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was executed in the 1st quarter of 2019.</p>
12.	<p><b>Acceptable places of felling trees and bushes</b></p> <p>The felling of trees and bushes should be performed only in areas that directly interfere with the Task implementation, i.e.:</p> <p>a) on the areas intended for the foundation of the dam body, for the construction of technical roads, internal access roads to the dam and for the overflow devices along the right abutment of the dam;</p> <p>b) in the strip of land intended for the temporary (during the construction phase) relocation of the Nysa Kłodzka riverbed;</p> <p>c) on the slopes covered by the regulation of the Nysa Kłodzka riverbed;</p> <p>d) in the strip of land intended for the construction of a new channel of the Nysa Kłodzka, connecting the outlet of the drainage facilities with the existing river channel.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was executed in the 1st quarter of 2019.</p>
13.	<p><b>Environmental supervision in determining trees for felling</b></p> <p>Determination of trees for felling in the Task implementation area should be carried out under the supervision of the expert phytosociologist (referred to in item 122) in order to preserve as much of individual patches of natural habitats as possible</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was executed in the 1st quarter of 2019.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	(especially habitats of *9180 Javorins and maple-lime forests on the slopes and hillsides). Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 127.	
14.	<p><b>Conditions for felling trees and bushes in the vicinity of a black stork nest</b></p> <p>No felling of trees and bushes should take place within 100 m of the nest of the black stork <i>Ciconia nigra</i> (located in the south-western part of the planned reservoir's area).</p> <p>At a distance of 100 to 500 m from the above-mentioned black stork nest, felling works should be carried out under the ongoing supervision and in accordance with the recommendations of the expert ornithologist (referred to in item 122), observing the dates specified in item 11.</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 128.</p> <p>[see also item 29 and 118 p. 8b]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was executed in the 1st quarter of 2019.</p>
15.	<p><b>Conditions for felling in patches of the natural habitat *9180</b></p> <p>In the case of felling carried out in patches of the natural habitat *9180 Javorins and maple-lime forests on slopes and hillsides, it is necessary to:</p> <ul style="list-style-type: none"> <li>a) limit the felling of trees and bushes in the patches of the habitat *9180 to the necessary minimum, as indicated by the expert phytosociologist (referred to in item 122);</li> <li>b) leave intact the part of the patch of the habitat *9180 in the lateral erosion gorge flowing into the Nysa Kłodzka River (northern part of plot no. 70/1);</li> <li>c) leave intact as much of the *9180 habitat patch as possible on the slope at the mouth of the gorge into the bed of the Nysa Kłodzka River, with an estimated area of 0.35 ha;</li> <li>d) mark the fringe zones of the habitat patch *9180 on plot no. 70/1 not intended to be felled visibly in the field (e.g. with poles and reflective tape), in a manner consistent with the conditions given in item 31;</li> <li>e) remove invasive species alien to the national flora present in the area of Task implementation, as indicated by the above-mentioned expert phytosociologist (in accordance with the conditions given in item 41).</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was executed in the 1st quarter of 2019.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 127.</p> <p>Note!</p> <p>Before commencing the implementation of this condition, one shall identify the current location of the boundaries of the areas described using the numbers of register plots, according to the conditions defined in item 119.</p>	
16.	<p><b><i>Conditions for felling in patches of the natural habitat *91E0</i></b></p> <p>In the case of felling carried out in patches of the natural habitat *91E0 Willow-poplar-alder-ash forests, it is necessary to:</p> <ul style="list-style-type: none"> <li>a) within the patches of the habitat *91E0 growing within the reservoir bowl, limit the felling of trees to unavoidable minimum, as indicated by an expert phytosociologist (referred to in item 122);</li> <li>b) within the patches of the habitat *91E0, leave as many trees and bushes with branches low over the Nysa Kłodzka riverbed as possible, as indicated by an expert ornithologist (referred to in item 122).</li> </ul> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 127.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was executed in the 1st quarter of 2019.</p>
17.	<p><b><i>Environmental supervision prior to and during clearance of trees of circumference at breast height above 40 cm</i></b></p> <p>In the case of removing trees with diameter of over 40 cm at breast height, the following rules apply:</p> <ul style="list-style-type: none"> <li>a) clearance of trees of circumference at breast height above 40 cm should be preceded by an inspection of the trees for the presence of protected bats and invertebrates carried out by an expert entomologist and chiropterologist (referred to in item 122), not longer than 1 week prior to removal of a given tree;</li> <li>b) in case of identifying the occurrence of protected species of invertebrates and/or bats in trees to be felled, the above-mentioned experts shall indicate acceptable time and methods for the removal and shall determine proceeding methods for wood inhabited by species of protected animals. The deadlines for felling as scheduled by the experts can not violate the conditions specified in item 11;</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was executed in the 1st quarter of 2019.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>c) trees of circumference at breast height above 40 cm will be felled under direct supervision of the above-mentioned expert entomologist and expert chiropterologist;</p> <p>d) should any presence of individuals of protected invertebrate and/or bat species be confirmed in trees subject to felling, the above-mentioned experts shall specify procedures for handling wood inhabited by the protected animal species and procedures to limit mortality rate of any found individuals of protected animal;</p> <p>f) should any presence of protected invertebrate and/or bat species be confirmed in trees to be felled and/or in trees being felled, obtain a legally required administrative decision for derogation from prohibitions regarding protected animal species (if required in each case).</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in items 127 and 128.</p> <p>[see also item 118 p. 5a]</p>	
18.	<p><b>Acceptable date for grubbing of roots of the felled trees and bushes on slopes of the river channel</b></p> <p>The grubbing of roots of the felled trees and bushes growing on slopes of the river channel along the stretches subject to regulation should take place in September.</p> <p>If reasonably necessary, the deadline for carrying out such works may be extended until the end of February, provided that it is carried out under the supervision of an expert ichthyologist (as referred to in item 122).</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was executed in the 1st quarter of 2019.</p>
19.	<p><b>Completion date for felling of trees and bushes</b></p> <p>All works related to felling of trees and bushes in the Task implementation area (including extraction of stumps and removal of wood) should be completed within the first 12 months following commencement of the Part of Contract involving implementation of the Task (within periods referred to in items 11, 18, 27 and 28).</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was executed in the 1st quarter of 2019.</p>
20.	<p><b>Protection of stumps of trees not intended for felling</b></p> <p>Prior to commencement of any construction works, the stumps of the trees exposed to mechanical damage should be protected with wooden boards to a height of 3-4 m from the ground level (bottom of the boards is to be based on the substrate). Between the boards and the surface of the tree trunk, place the flexible material (e.g. thick straw mats), protecting the stump against abrasion by boards.</p> <p>Boards must be attached to the stump in several places 40 - 60 cm apart e.g. with the bands of wire</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was started in the 2nd quarter of 2019 and was continued for the entire period of execution of works.</p> <p>Problems occurred with the implementation of the measure in the period of the 2nd quarter of 2019.</p> <p>It was found that the trees not intended to be felled along the repaired road are not secured, which could lead to tree damage. The Engineer provided his comments to the</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>or steel tape, in a manner that does not damage the tree.</p> <p>In the Task implementation period, the condition of protection of tree trunks exposed to damage should be controlled on regular basis and the protections should be kept in proper condition.</p>	<p>Contractor, who secured the trunks of the trees not scheduled for felling.</p> <p>The above default had no actual impact on the environment.</p>
21.	<p><b>Protection of areas below tree and bush crowns</b></p> <p>Construction works should be carried out in a way that does not harm trees and bushes that have not been intended for felling.</p> <p>The following are forbidden within 1 meter from the projection of tree or bush crown not intended for felling:</p> <ul style="list-style-type: none"> <li>a) establishing technological roads, yards, parking spots, and other elements that could affect soil compaction and change in aeration;</li> <li>b) vehicles, machinery and devices traffic, stopping, and parking;</li> <li>c) storage of earth masses (including topsoil) and building materials (in particular bulk materials);</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was started in the 2nd quarter of 2019 and was continued for the entire period of execution of works.</p> <p>Problems occurred with the implementation of the measure in the period of the 3rd quarter of 2020 and in the 3rd quarter of 2021.</p> <p>The Contractor was found to have stored loose construction materials less than 1 m from the boundary of the tree crown projection, which may have increased compaction and altered soil aeration in the immediate vicinity of the tree. The Engineer provided his comments to the Contractor who removed the defaults and immediately deposited the construction material in a location consistent with the provisions of the EMP.</p> <p>The above default had no actual impact on the environment.</p>
22.	<p><b>Preventive cuts of tree branches exposed to damage</b></p> <p>In the case of boughs and branches exposed to mechanical damage by working or moving vehicles, machinery and devices, preventive cuts of tree branches exposed to breakage should be performed. These cuts - performed under the supervision of an expert dendrologist (referred to in item 122) - cannot disturb the natural habit of the trees (they cannot cover more than 1/3 of the green mass of trees), maintaining stability and statics of trees (range of cuts must be uniform at each side of the crown).</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 127.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was started in the 2nd quarter of 2019 and was continued for the entire period of execution of works.</p> <p>Problems occurred with the implementation of the measure in the period of the 2nd quarter of 2019.</p> <p>It was found that the Contractor did not perform advance treatment of trees and bushes that could be damaged. The Engineer provided his comments to the Contractor, who made preventive pruning of branches of trees not planned for felling.</p> <p>The above default had no actual impact on the environment.</p>
23.	<p><b>Maintaining the ground level in the direct vicinity of trees</b></p> <p>When performing earthworks in the immediate vicinity of trees, the works shall be done in a way not</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was started in the 2nd quarter of 2019 and was</p>



Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	to change the ground level within a radius of at least 1.5-2.0 m from the trunk. Any difference in the ground level created further away from the trunk to be secured with a local retaining wall or a reinforced slope with a larger downfall. Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 127.	continued for the entire period of execution of works.
24.	<b>Works within tree and bush root mass</b> Works in the vicinity of root blocks of trees and bushes should only be carried out manually, subject to the following conditions: a) skeletal roots (with a diameter of over 4 cm) should not be cut off; b) excavations should be carried out no closer than 2 m from the trunk; c) minimise the time of exposure of roots to drying (under the conditions referred to in item 25).	<b>IMPLEMENTED AND COMPLETED.</b>  Implementation of the measure was started in the 2nd quarter of 2019 and was continued for the entire period of execution of works.
25.	<b>Securing of exposed roots of trees and bushes</b> Exposed roots of trees and bushes should be covered, for example with straw or jute mats. At positive temperatures, these mats should be abundantly moistened with water (to prevent drying of the roots), while at negative temperatures these mats should be dry (to avoid freezing of the roots).	<b>IMPLEMENTED AND COMPLETED.</b>  Implementation of the measure was started in the 2nd quarter of 2019 and was continued for the entire period of execution of works.
26.	<b>Securing of damaged trees and bushes</b> In case aboveground parts of trees and bushes not intended for removal have been damaged, the necessary care measures should be carried out immediately, adequate to the place and type of damage. In case of root damage, the damaged ends should be trimmed off and the roots secured with a fungicide. The above-mentioned actions should be performed in agreement with a team of environmental experts (referred to in item 122), and after they are performed, an opinion of the above team as regards correctness of the actions should be presented to the Engineer for acceptance.	<b>IMPLEMENTED AND COMPLETED.</b>  Implementation of the measure was started in the 2nd quarter of 2019 and was continued for the entire period of execution of works. Problems occurred with the implementation of the measure in the period of the 2nd quarter of 2019 and 2023. Damaged trees were found as a result of conducted construction works. The Engineer provided his comments to the Contractor, who secured the damaged trees and carried out remedial works, i.e. protecting the damage caused with horticultural ointment and carrying out tree boarding. The above default had no actual impact on the environment.
27.	<b>Commencement date and continuity of dam construction works</b> Construction of the reservoir dam, including the discharge facilities, should begin between September 1st and February 28th (i.e. outside the bird breeding season, which runs from the beginning of March to the end of August).	<b>IMPLEMENTED AND COMPLETED.</b>  Implementation of the measure was started in the 1st quarter of 2019 and was continued for the entire period of execution of works.

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>After starting the above-mentioned works, they should be executed on a continuous basis (subject to the time constraints resulting from other items in this document - see item 1), in such a way as to prevent the establishment of protected animal species in the Task implementation area during the Task implementation period.</p> <p>Information on the implementation of this measure in respect of the works conducted in the area referred to in item 118 point 7 and 8 shall be provided in accordance with the conditions of item 128.</p> <p>[see also item 118 p. 7 and 8]</p>	
28.	<p><b>Dates for completion of other elements of the Task</b></p> <p>The elements of the Task listed below, including:</p> <ul style="list-style-type: none"> <li>a) earthworks related to the construction of the access road to the headwater station,</li> <li>b) demolition works for the existing Boboszków – Pisary municipal road (including the two bridges associated with this road),</li> <li>c) demolition works for all cubic structures including all technical land utilities (see also item 34),</li> <li>d) relocation of the medium-voltage line, to be performed between September 1st and February 28th (subject to the time constraints resulting from other items in this document – see item 1).</li> </ul> <p>Information on the implementation of this measure in respect of the works conducted in the area referred to in item 118 point 8 shall be provided in accordance with the conditions of item 128.</p> <p>[see also item 118 p. 8]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2020 and was continued for the entire period of execution of works.</p>
29.	<p><b>Dates, spatial extent and conditions for conducting works in the vicinity of black stork nest</b></p> <p>No construction works should be conducted and no felling of trees and bushes should take place within 100 m of the nest of the black stork <i>Ciconia nigra</i> (located in the south-western part of the planned reservoir's area).</p> <p>At a distance of 100 to 500 m from the above-mentioned black stork nest, the above-mentioned activities should be performed between September 1st and March 14th (i.e. outside the bird breeding season, which runs from the beginning of March to the end of August) and should be carried out under the ongoing supervision and in accordance with the recommendations of the expert ornithologist (referred to in item 122).</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 128.</p> <p>[see also item 14 and 118 p. 8b]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2019 and was continued for the entire period of execution of works.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
30.	<p><b><i>One-time environmental inventory within the works area before works commencement</i></b></p> <p>Before the works begin, a one-time environmental inventory within the Task implementation area shall be carried out (at least within the boundaries of the area of total and partial tree felling, according to the design documentation, and in other areas possibly planned to be occupied for the purposes of construction implementation), executed by a team of environmental experts, referred to in item 122.</p> <p>The purpose of the inventory is to determine the current distribution of natural habitats and habitats and sites of protected species of flora and fauna, including ongoing revision of information on the subject as included in the Environmental Impact Report drawn up in 2014 (together with later updates).</p> <p>In the case of detecting natural habitats, habitats or sites of protected fauna and flora species within the Task implementation area the following actions should be executed:</p> <ul style="list-style-type: none"> <li>a) in the case of environmental habitats – further actions should be agreed with a competent environmental team's expert (discussed under item 122), and the results of the findings should be submitted to the Engineer for approval;</li> <li>b) in case of habitats or sites of protected species - execute actions referred to in item 43.</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 and was finished in 2nd quarter of 2018.</p>
31.	<p><b><i>Marking the boundaries of the patches containing natural habitats</i></b></p> <p>Before the works begin, boundaries of patches containing natural habitats to be left intact (according to the information contained in the Environmental Impact Report and results of the one-time nature inventory referred to in item 30) should be set down and marked on site (in the manner visible to the works contractors) under the supervision of an expert phytosociologist referred to in item 122, in particular:</p> <ul style="list-style-type: none"> <li>a) 6430 – tall herb fringe communities of plains and of the montane to alpine levels (<i>Adenostylion alliariae</i>) and (<i>Convolvuletalia sepium</i>)</li> <li>b) 9170 – Central-European and subcontinental oak-hornbeam forests (<i>Galio-Carpinetum</i>, <i>Tilio-Carpinetum</i>)</li> <li>c) *9180 – Javorins and maple-lime forests on slopes (<i>Tilio platyphyllis-Acerion pseudoplatani</i>) and</li> <li>d) * 91E0 – Willow-poplar-alder-ash forests (<i>Salicetum albo-fragilis</i>, <i>Populetum albae</i>,</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2019 and was continued for the entire period of execution of works.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p><i>Alnion glutinoso-incanae</i>) and large bittercress.</p> <p>Within the Task implementation period, these patches shall be effectively secured against destruction, damage, contamination, traffic of vehicles, machinery and devices, and free access of persons in connection with the works (e.g. by establishing marked fences).</p> <p>Throughout the whole Task implementation period, the condition of the protective measures of the patches containing the habitats should be inspected on a regular basis (at least once a month) and possible damages should be removed. These inspections should be carried out with the participation of the above-mentioned expert phytosociologist.</p> <p>[see also items 15 and 16]</p>	
32.	<p><b>Information on destruction of habitats of 7 protected plant species listed in decisions of RDOŚ in Wrocław of 03/05/2019.</b></p> <p>RDOŚ in Wrocław has issued the relevant permits (the decision of RDOŚ in Wrocław of March 5, 2019 no. WPN.6400.6.2019.MH.1 and the decision of RDOŚ in Wrocław of March 5, 2019 no. WPN.27.2018.MH.1 – see Appendix 4e and 4f to this EMP) for the intentional destruction of the habitats of the following 7 protected species of plants occurring in the locations listed below:</p> <ul style="list-style-type: none"> <li>a) Oxlip <i>Primula elatior</i> – 238-660 individuals located on plots nos. 59/3, 70/3, 61/12, 81/2, the precinct of Boboszków and on plot number 293/1, the precinct of Pisary;</li> <li>b) Stemless Carline Thistle <i>Carlina acaulis</i> – 12-55 individuals located on plots numbers 59/3, 81/5, the precinct of Boboszków;</li> <li>c) Spring Snowflake <i>Leucoium vernal</i> – 1,001-10,000 individuals located on plot number 70/3, the precinct of Boboszków;</li> <li>d) Autumn Crocus <i>Colchicum autumnale</i> – 101-250 individuals located on plot number 61/11, the precinct of Boboszków;</li> <li>e) Common Twayblade <i>Listera ovata</i> – 1-5 individuals located on plot number 69, the precinct of Boboszków;</li> <li>f) February Daphne <i>Daphne mezereum</i> – 1-5 individuals located on plot number 293/1, the precinct of Boboszków;</li> <li>g) The permit to destroy the above-mentioned habitats in accordance with decision no. WPN.6400.6.2019.MH is valid until May 1, 2021.</li> <li>g) Broad-leaved Marsh Orchid <i>Dactylorhiza majalis</i> – 1 individual located on plot 66/1, the precinct of Boboszków,</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 3rd quarter of 2019 and was continued for the entire period of execution of construction works.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>h) Oxlip <i>Primula elatior</i> – 60 individuals located on plot number 81/5, the precinct of Boboszków,</p> <p>i) Autumn Crocus <i>Colchicum autumnale</i> – several hundreds of individuals on plot no. 64, the precinct of Boboszków.</p> <p>The permit to destroy the above-mentioned habitats in accordance with decision no. WPN.27.2018.MH.1 is valid until December 31, 2020.</p> <p>Information on the scope of implementation of the above-mentioned should be submitted as per the conditions defined in item 128.</p> <p>[see also item 118 point 2]</p>	
33.	<p><b>Information on destruction of habitats of 3 protected species of plants (mosses) listed in decision no. WPN.6400.6.2019.MH of RDOŚ in Wrocław of 03/05/2019.</b></p> <p>The Employer was awarded the permit of RDOŚ in Wrocław (the decision of RDOŚ in Wrocław of March 5, 2019 no. WPN.6400.6.2019.MH – see appendix 4e. to this EMP) for the intentional destruction of individuals and habitats of the following 3 protected species of plants (mosses) occurring in the locations listed below:</p> <ul style="list-style-type: none"> <li>a) Rough Goose Neck Moss <i>Rhytidiadelphus squarrosus</i> – several hundreds of square metres of the area of the species habitat, located on plots number 59/1, 61/11, the precinct of Boboszków;</li> <li>b) Common Sea Buckthorn <i>Pleurozium schreberi</i> – dozens of square metres of the area of the species habitat, located on plots number 61/11, the precinct of Boboszków;</li> <li>c) Broom Forkmoss <i>Dicranum scoparium</i> – several dozens of square metres of the area of the species habitat, located on plots number 392/2, the precinct of Pisary.</li> </ul> <p>The above-mentioned permit is valid until May 0, 2021.</p> <p>Information on the scope of implementation of the above-mentioned permit should be submitted as per the conditions defined in item 128.</p> <p>[see also item 118 p. 1]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure took place in the 3rd quarter of 2019.</p>
34.	<p><b>Environmental supervision inspections before and during demolition of building structures</b></p> <p>The following rules apply to the demolition of building structures:</p> <ul style="list-style-type: none"> <li>a) demolition of building structures shall be preceded by an inspection of these structures for the presence of protected bats, carried out by an expert chiropterologist (referred to in item 122), not longer than 1 week prior to removal of a given structure;</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was being implemented from the 3rd quarter of 2019 to the 4th quarter of 2020.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>b) in case of identifying the occurrence of protected species of bats in the structures planned to be demolished, the above-mentioned expert shall indicate acceptable time and methods for performing the demolition, ensure the protection of the identified bats; The dates of demolition agreed with the above-mentioned expert cannot violate the conditions specified in item 28c;</p> <p>c) demolition of building structures shall be performed under direct supervision of the above-mentioned expert chiropterologist;</p> <p>d) in case individuals of protected species of bats are found in the structures subject to demolition, the above-mentioned expert shall determine the procedures to limit mortality rate of any found protected animal specimen;</p> <p>e) should any presence of protected bat species be confirmed in structures planned to be demolished and/or in structures subject to demolition, obtain a legally required administrative decision for derogation from prohibitions regarding protected animal species (if required in each case).</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in items 127 and 128. [see also item 118 p. 5b]</p>	
35.	<p><b>Limiting the Task implementation time</b></p> <p>The Contractor is obliged to organise the works in a way that would help reduce the Task implementation time to the minimum and limit the negative impact of works on the animals living within the Task implementation area and in its surrounding.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure took place in the 1st quarter of 2018 and was continued until the end of works execution.</p>
36.	<p><b>Securing the Task execution area against small animals entering the site</b></p> <p>Works should be performed in such a way as to avoid killing animals.</p> <p>The Task implementation area, in particular places where works are currently performed, site facilities, storage yards etc., should be secured against access of small animals (amphibians, reptiles, small mammals), by fencing off these areas with a fence with eyes no larger than 0.5 x 0.5 cm and with a height of not less than 0.5 m.</p> <p>The fence should be buried in ground to the depth of not less than 15 cm.</p> <p>Determining the precise location of the fencing securing the Task execution area against small animals entering the site and installation of the</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>Implementation of the measure was started in the 1st quarter of 2019 and was continued until the end of works execution.</p> <p>Problems occurred with the implementation of the measure in the period of the 4th quarter of 2019.</p> <p>It was found that the inclination of the slope at places where works are currently performed is not secured with the mesh to prevent small animals from entering the excavation area, which could have caused animals to move freely into the area of the works. The Engineer provided his comments</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>above-mentioned fencing should be carried out under the supervision of an expert herpetologist and an expert theriologist (referred to in item 122). For the entire period of Task implementation, the condition of the above-mentioned fencing should be inspected on regular basis and any possible gaps should be immediately removed, including:</p> <ul style="list-style-type: none"> <li>a) from March the 1st to August the 31st these inspections should be carried out at least once every 3 days;</li> <li>b) from September the 1st to the end of February – not less than once every 10 days.</li> </ul> <p>Fencing inspections should be carried out with the participation of the above-mentioned experts.</p>	<p>to the Contractor who informed he had made mesh protection along the excavation. The above default had no actual impact on the environment.</p>
37.	<p><b><i>Inspection of places that could be traps for small animals</i></b></p> <p>Every day in the morning inspect excavations and other places that can be traps for animals: amphibians, reptiles, small mammals.</p> <p>In the periods from March the 1st to May the 15th and from September the 15th to October the 15th, a second inspection should also be carried out every day in the late afternoon.</p> <p>Trapped animals should be collected and released outside the Task implementation area, to the place appropriate for a given species.</p> <p>The last inspection for the presence of animals in the excavations should be carried out immediately before backfilling the excavations.</p> <p>Inspections should be carried out under the guidance and in accordance with the guidelines of an expert herpetologist and expert theriologist (referred to in item 122), who will also coordinate and indicate the places of release of caught animal species.</p> <p>All wells, excavations and other anthropogenic structures which may be a trap for amphibians and small mammals should be secured according to the guidelines and under the guidance of the above-mentioned expert herpetologist and expert theriologist.</p> <p>Information on the implementation of this measure in respect of the works conducted in the area referred to in item 118 point 6 shall be provided in accordance with the conditions of item 128.</p> <p>[see also items 40 and 118 p. 6a]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started from the 2nd quarter of 2019 and was continued until the end of works execution.</p>
38.	<p><b><i>Ongoing liquidation of marginal water deposits in the Task implementation area</i></b></p> <p>During the Task performance, it is necessary to permanently eliminate marginal water deposits in places which may interfere with ongoing or scheduled works as well as in places where ongoing or scheduled traffic of vehicles, machines and equipment is to be run.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started from the 2nd quarter of 2019 and was continued until the end of works execution.</p>



Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	This measure aims to prevent the settlement of protected amphibian species in the Task execution area during the performance of works.	
39.	<p><b><i>Ensuring the possibility of safe migration of amphibians</i></b></p> <p>Works should be carried out in the Nysa Kłodzka valley in a manner that ensures the safe migration of amphibians, including the migration of amphibians through the planned internal roads within the Task execution area.</p> <p>Detailed rules for meeting this condition should be agreed with an expert herpetologist (as referred to in item no. 122), who will also supervise if it is implemented correctly.</p> <p>The above-mentioned agreement with an expert herpetologist should be submitted to the Engineer for approval.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started from the 2nd quarter of 2019 and was continued until the end of works execution.</p>
40.	<p><b><i>Catching and transfer of small animals from the Task implementation area</i></b></p> <p>If small animals (amphibians, reptiles, small mammals) are reported to inhabit the Task execution area, they should be trapped and relocated from the Task execution area to the appropriate habitats, located outside the impact of the works under the supervision of a competent environmental expert (herpetologist and/or theriologist, as referred to in item 122).</p> <p>Information on the implementation of this measure in respect of the works conducted in the area referred to in item 118 point 6 shall be provided in accordance with the conditions of item 128.</p> <p>[see also items 37 and 118 p. 6a]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started from the 2nd quarter of 2019 and was continued until the end of works execution.</p>
41.	<p><b><i>Fighting alien invasive plant species</i></b></p> <p>When conducting the works, alien invasive plant species should be removed (at least twice a year, in the entire Task execution area), until they disappear and are replaced with local plants.</p> <p>Removal of alien invasive plant species should be done by pulling out the plants (along with the root ball), transporting and then disposing of them.</p> <p>The above actions should be carried out in accordance with detailed instructions specified by an expert phytosociologist (as referred to in item 122).</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started from the 2nd quarter of 2019 and was continued until the end of works execution.</p>
42.	<p><b><i>Regular inspections of the team of environmental experts within the Task implementation period</i></b></p> <p>The works and other works performed during the Task implementation period should be carried out under current supervision of the team of environmental experts (referred to in item 122).</p> <p>These experts should, in particular, carry out regular inspections of the entire Task execution area (at least once a month) and continuously submit their comments and recommendations to the Contractor's</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started from the 1st quarter of 2018 and was continued until the end of works execution.</p>



Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>staff responsible for carrying out works in accordance with the EMP conditions.</p> <p>Written memos should be drawn up from the inspections, attached to monthly reports on the implementation of the conditions of the EMP (referred to in item 126).</p> <p>Information on the implementation of this measure in respect of the works conducted in the area referred to in item 118 point 6 shall be provided in accordance with the conditions of item 128.</p> <p>[see also item 118 p. 6b]</p>	
43.	<p><b><i>Obtaining a decision authorising derogations from the rules on the protection of species of plants, fungi and animals</i></b></p> <p>If, prior to the commencement or during the performance of construction works in the Task execution area, the presence of habitats or sites of protected species of flora and fauna is reported (other than the sites referred to in item 118), then:</p> <ul style="list-style-type: none"> <li>a) The Contractor shall obtain and submit to the Engineer for approval a written opinion of the team of environmental experts (referred to in item 122), including, inter alia, the specification of: <ul style="list-style-type: none"> <li>– the extent of the possible impact of the works on the identified natural resources, and</li> <li>– the necessity to obtain the decision referred to in point b), and then, if it proves necessary in the light of the above opinion, will perform the activities referred to in points b-d (below);</li> </ul> </li> <li>b) before taking any actions, which may lead to destruction of habitats and sites or frightening of individuals of protected species (according to the opinion referred to in point a), the Contractor is obliged to obtain administrative decisions required by law allowing for exceptions from the prohibitions applicable to protected plant, fungi and animal species;</li> <li>c) the Engineer should be notified of the decision obtained;</li> <li>d) the Contractor is obliged to precisely and timely implement the conditions contained in the above-mentioned decision.</li> </ul> <p>[see also item 30]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 and was continued until the end of works execution.</p>
44.	<p><b><i>Rules of cooperation with the fishing user of the watercourses in the Task implementation area</i></b></p> <p>The Contractor is obliged to co-operate with the fishing user of the watercourses in the Task</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>implementation area (Polish Angling Association, Wałbrzych District), in the following scope:</p> <ul style="list-style-type: none"> <li>a) The Contractor will inform the fishing user (Polish Angling Association, Wałbrzych Branch) 3 months in advance about the date of commencement of works in the Nysa Kłodzka riverbed;</li> <li>b) within the deadline indicated in point a (above), the Contractor will conduct a site inspection in the area of Task execution with the participation of a field representative of PZW Wałbrzych District, during which the planned scope of preparatory works and the planned scope of the main construction works connected with the execution of the Task will be presented;</li> <li>c) the expert ichthyologist supervising the works on behalf of the Contractor (see items 45 and 122) will cooperate with the ichthyologist employed at PZW Wałbrzych District, in particular with regard to the implementation of the measures listed in items 46-63 and 118 p. 4;</li> <li>d) upon completion of the Task completion period, the Contractor shall submit to PZW Wałbrzych District all documentation prepared by the expert ichthyologist supervising the works on behalf of the Contractor (e.g. in the form of a report on completion of ichthyological supervision of the works, describing e.g. actions taken to limit the negative impact of the works on ichthyofauna).</li> </ul>	<p>from the 4th quarter of 2018 and was continued until the end of works execution.</p>
45.	<p><b><i>Ichthyological supervision of works in riverbeds</i></b></p> <p>All works in watercourse channels should be carried out under the supervision of an expert ichthyologist (referred to in item 122).</p> <p>The above expert's task is to indicate the proper way of carrying out the works and then to control the correctness of their execution, as well as to observe the behaviour of ichthyofauna and ensure the implementation of adequate actions in situations threatening it.</p> <p>During periods of conducting works in watercourse beds, an expert ichthyologist should inspect the sites of such works on a regular basis (at least once every 3 days) and report their observations and recommendations on an ongoing basis to the Contractor's staff responsible for carrying out the works in accordance with the conditions of the EMP.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 and was continued until the end of works execution.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
46.	<p><b><i>Acceptable dates of works in the riverbed of the Nysa Kłodzka</i></b></p> <p>Works in the riverbed and on the bank slopes of the Nysa Kłodzka (along the sections where these works will be executed without draining the riverbed – see item 62) should be conducted only in the period of December 16th to the end of February and from July 1st to August 31st (an absolute prohibition of conducting such works in the period from March 1st to June 30th and from September 1st to December 15th).</p> <p>The optimal time for performing such works is the period from July 1st to August 31st (between December 16th and the end of February, the scope of the above works should be as limited as possible). The performance of such works in the period from December 16th to the end of February requires a prior favourable opinion of the expert ichthyologist (referred to in item 122), allowing their execution in a given location and establishing specific conditions for executing such works (especially in connection with spawning and hatching dates of rainbow trout). The expert ichthyologist's opinion shall be submitted to the Engineer for approval.</p> <p>Information on the implementation of this measure in respect of the works conducted along the section of the Nysa Kłodzka referred to in item 118 point 4 shall be provided in accordance with the conditions of item 128.</p> <p>[see also item 118 p. 4]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 and was continued until the end of works execution.</p>
47.	<p><b><i>Maintaining water flow and migration conditions for aquatic organisms in watercourses in the Task implementation area</i></b></p> <p>For the entire Task implementation period, maintain the possibility of migration conditions for aquatic organisms in watercourse beds in the Task implementation area (the condition for maintaining water flow in watercourses).</p> <p>If it is necessary to periodically reduce the flow of water in the riverbed in connection with the works conducted, detailed conditions for conducting the works should be agreed with the team of environmental experts referred to in Item 122 (including an expert ichthyologist) prior to the commencement of such works, so that the continuity of the migration corridors of aquatic organisms is not interrupted.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 and was continued until the end of works execution.</p>
48.	<p><b><i>Direction of conducting the works when regulating the Nysa Kłodzka riverbed</i></b></p> <p>Construction and regulatory works in the riverbed and on bank slopes of the Nysa Kłodzka shall be carried out in stages in such a way that the front of the works moves with the river current (i.e. a section</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	at the headwater station should first be regulated, and then a section at the tailwater station).	quarter of 2019 and was continued until the end of works execution.
49.	<p><b>Rules of working with rip-rap</b></p> <p>The following rules shall be observed when reinforcing the bed or banks of the riverbed with heavy stone rip-rap (along the sections where these works will be executed without draining the riverbed – see item 62):</p> <ul style="list-style-type: none"> <li>a) stones from vehicles shall not be dumped directly into the riverbed;</li> <li>b) the stone delivered should be unloaded on the riverbank and then the individual blocks of stone should be carefully moved from the bank to the channel with an excavator;</li> <li>c) stone blocks placed on the slopes should be adjusted and profiled manually (stone blocks must not be dropped from trucks directly into the water).</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 and was continued until the end of works execution.</p>
50.	<p><b>Protection of watercourse beds from vehicle traffic</b></p> <p>The following prohibitions apply when working in the beds and on banks of watercourses:</p> <ul style="list-style-type: none"> <li>a) prohibition on the movement of vehicles on the bottom along the watercourse bed;</li> <li>b) prohibition on the movement of earth masses, gravel and stones by pushing the above-mentioned materials in watercourse beds;</li> <li>c) prohibition to designate service roads in watercourse beds (equipment to be brought in from the bank).</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 and was continued until the end of works execution.</p>
51.	<p><b>Prohibition to interfere with the beds and banks of watercourses not covered by works</b></p> <p>During the performance of the Task, it is not allowed to interfere with the beds and banks of the watercourses covered by works (e.g. the ban of traffic of vehicles, machines and equipment, the ban to contaminate, devastate, store materials, etc.).</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 and was continued until the end of works execution.</p>
52.	<p><b>Construction of the reservoir's sluice facilities and construction of new section of the Nysa Kłodzka riverbed using "dry" technology</b></p> <p>Construction of the reservoir's sluice facilities and construction of a new section of the Nysa Kłodzka riverbed downstream of the reservoir should be carried out using "dry" technology (e.g. under the cover of a cofferdam, with passing the river water through a temporary bed built for the duration of works).</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was being implemented from the 4th quarter of 2019 to the 4th quarter of 2021.</p>
53.	<p><b>Shaping of the temporary riverbed of the Nysa Kłodzka</b></p> <p>To reinforce the banks and bottom of the temporary riverbed of the Nysa Kłodzka (145.0 m in length),</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was being implemented from the</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>created during the construction of the tunnel under the dam body and the new section of the riverbed below the dam, natural or similar materials should be used, so that the natural features of the adjacent sections of the river valley are preserved as much as possible.</p> <p>The width of the temporary bed should be similar to the width of the adjacent sections of the river, i.e. approximately 4.0 m.</p> <p>All works related to the construction of a new section of the river shall be carried out under the guidance and in line with the recommendations of an expert ichthyologist (referred to in item 122).</p>	3rd quarter of 2019 to the 4th quarter of 2021.
54.	<p><b>Rules for the demolition of the temporary section of the Nysa Kłodzka riverbed</b></p> <p>After building the facilities connected with the operation of the tunnel in the dam of the reservoir (including the new section of the riverbed below the dam) and after the flow of the Nysa Kłodzka River has been diverted there, the temporary section of the riverbed (referred to in item 53) should be backfilled, using solutions that allow living organisms to get out of it safely in advance.</p> <p>The following needs to be done for this purpose:</p> <ol style="list-style-type: none"> <li>divert the waters of the Nysa Kłodzka River into a newly constructed target bed (i.e. into a tunnel in the reservoir dam and into a new bed below the dam);</li> <li>build a cofferdam to close off upstream the temporary section of the riverbed to be removed;</li> <li>wait until the water has drained from the section of the temporary riverbed to be removed (measures should be taken to facilitate this, e.g. making additional ditches to allow the water to flow down the channel with aquatic organisms);</li> <li>in the event that stagnant water with trapped aquatic animals remains in the old channel after most of the water has drained away, these animals shall, under the supervision of an expert ichthyologist, referred to in item 122 –be trapped and relocated to sites suitable for habitat;</li> <li>the necessary permits under the provisions of the Act on Nature Protection and the Inland Fisheries Act shall be obtained before carrying out the activities referred to in points b-d (above);</li> <li>build a cofferdam downstream of the temporary section of the channel to be removed;</li> </ol>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 4th quarter of 2021.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>g) backfill the temporary section of the channel to be removed.</p> <p>All the works related to the removal of the existing section of the Nysa Kłodzka channel shall be conducted under the guidance and in accordance with the indications of the above-mentioned expert ichthyologist.</p> <p>The actions described in this item of the EMP shall be carried out in accordance with the dates defined in items 46 and 59.</p>	
55.	<p><b>Width of the "main tunnel"</b></p> <p>One of the "tunnel windows" (known as the "main tunnel"), through which the waters of the Nysa Kłodzka River will flow during normal operation of the reservoir, should be adjusted to the natural width of the riverbed along the section covered by the construction of the dam body, i.e. to a width of about 4m.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was being implemented from the 3rd quarter of 2019 to the 4th quarter of 2021.</p>
56.	<p><b>Equipping the main outlet in the tunnel with a closure</b></p> <p>Sluice facilities are to be equipped with closures in the form of electrically driven and emergency manually driven gates.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was being implemented from the 3rd quarter of 2019 to the 4th quarter of 2021.</p>
57.	<p><b>Forming the concrete bottom of the tunnel under the reservoir dam</b></p> <p>In order to diversify the bottom structure and increase the diversity of microhabitats for aquatic organisms in the bed of the Nysa Kłodzka River, the concrete bottom of the tunnel built under the dam of the reservoir should be covered (across the whole surface) with a layer of gravel about 10 cm thick (protected against washing out) and stones about 50 cm in diameter should be placed in it (in an irregular way, individually and in groups of 3-5, in the current and at the edges of the tunnel).</p> <p>Material (gravel and stones) should be obtained from the bottom of the removed section of the Nysa Kłodzka River.</p> <p>The stones deposited in the bottom must not have sharp edges that could injure animals when fast currents occur during floods.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was being implemented from the 3rd quarter of 2019 to the 4th quarter of 2021.</p>
58.	<p><b>Forming the bottom of the new section of the Nysa Kłodzka below the dam</b></p> <p>The new section of the bed of the Nysa Kłodzka River (connecting the tunnel outlet to the existing riverbed, with a length of about 75.0 m) should be given a bottom width of about 4 m.</p> <p>Use natural or near-natural materials to form the bottom and slopes of this section of the river.</p> <p>Slope formation in this section of the river should be performed under the direction and in accordance</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was being implemented from the 2nd quarter of 2019 until the end of works, the 4th quarter of 2021.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>with the recommendations of the expert ornithologist (referred to in item 122), with the aim of adapting them, where possible, to the requirements of the kingfisher.</p> <p>The structure of the bottom in this section must correspond to the parameters of the habitat of lampreys and bullheads, taking into account the proper placement of stones (proper shape and size of stones - among others, use large stones with a diameter of no less than approx. 50 cm in diameter, without sharp edges), which has an impact on ensuring adequate water velocity for the species mentioned above and on the formation of microhabitats.</p> <p>All works related to the formation of a new section of the river shall be carried out under the guidance and in line with the recommendations of an expert ichthyologist (referred to in item 122).</p>	
59.	<p><b><i>Acceptable dates for passing the water flow through the tunnel in the reservoir dam</i></b></p> <p>The first passage of construction water through the constructed tunnel in the reservoir dam and through the new section of the Nysa Kłodzka bed below the dam (in order to channel it to the existing river section below the dam) should be carried out between June 1st and August 31st. [see also: item 54]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 3rd quarter of 2021.</p>
60.	<p><b><i>Limitation of the scope of regulation of the Nysa Kłodzka in the lower section</i></b></p> <p>The regulation of the bed of the Nysa Kłodzka River 100 m downstream of the constructed new section of the riverbed (downstream of the reservoir), should include only the right (i.e. northern) slope of the existing riverbed, together with land shaping on its right bank.</p> <p>The riverbed, left bank and left-bank areas in this section should be excluded from construction activities.</p> <p>All works to regulate the above-mentioned section of the river shall be carried out under the guidance and in line with the recommendations of an expert ichthyologist (referred to in item 122).</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>The measure was implemented from the 1st quarter of 2020 until the end of implementing the main construction works.</p>
61.	<p><b><i>Forming the bed of the regulated sections of the Nysa Kłodzka River</i></b></p> <p>The width of the bottom of the regulated section of the Nysa Kłodzka riverbed above and below the dam should be adjusted to the current width of the riverbed, i.e. a minimum of 4 m.</p> <p>The bed should be regulated using natural or near-natural materials.</p> <p>The way in which the river is regulated must ensure good migration conditions for lampreys and bullheads, e.g. through the use of bottom substrate</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 2nd quarter of 2019 until the end of implementing the construction works.</p>



Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>suitable for these species, the correct distribution, size and shape of stones (e.g. large stones with a diameter of no less than approx. 50 cm in diameter, without sharp edges).</p> <p>All works to regulate the section of the river above and below the dam shall be carried out under the guidance and in line with the recommendations of an expert ichthyologist (referred to in item 122).</p>	
62.	<p><b>Conducting works in the riverbed using the "dry" method</b></p> <p>Works in the Nysa Kłodzka riverbed should be conducted using the "dry" method (i.e. with prior removal of water from the relevant section of the riverbed).</p> <p>The individual sections of the bed should be dried under the supervision of an expert ichthyologist (referred to in item 122).</p> <p>Works in the riverbed using the "wet method" (i.e. without first removing the water from the section of the riverbed in question) are only permitted on a 70-metre-long section of the river (in the upper part of the section above the dam, where the river banks will be corrected and reinforced with rip-rap).</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 2nd quarter of 2019 until the end of implementing the construction works.</p>
63.	<p><b>Rules for the transport of earth masses for the construction of the reservoir dam</b></p> <p>Earth masses for the construction of the reservoir dam should be directed directly to the target dam section and built into the dam body immediately after unloading.</p> <p>If it is not possible to implement this condition, the location of the sites for the temporary storage of earth masses shall be agreed in each case with the environmental supervision experts (referred to in item 122), in order to exclude any negative impact on the environmental resources planned to be left in the construction project.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 4th quarter of 2019 until the end of implementing the construction works.</p>
64.	<p><b>Conditions for the relocated medium voltage power line</b></p> <p>The new 20 kV medium voltage line along the stretch along the municipal road and running through the priority natural habitat *9180 - Javorins and maple-lime forests on slopes and hillsides through the planting area of the habitat *9180 (referred to in item 110), should be routed underground.</p> <p>Only below the dam, along a 140 m long section, can the medium voltage line be routed overhead.</p> <p>In the overhead section, FireFly type markers are to be installed on all phase and lightning conductors, in an alternating manner, at distances graded every 10 metres.</p> <p>The installation of the markers should be carried out under the direction and in accordance with the</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was being implemented from the 4th quarter of 2019 to the 4th quarter of 2021.</p>



Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	guidance of an expert ornithologist (referred to in item 122).	
65.	<p><b>Conditions for the relocated low voltage power line</b></p> <p>The new 0.4 kV low voltage line, which is being relocated to the site along the municipal road, is to be routed underground.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was being implemented from the 4th quarter of 2019 to the 4th quarter of 2021.</p>
66.	<p><b>Conditions for final lighting of the reservoir area</b></p> <p>For lighting of the reservoir area under normal operating conditions, sodium lamps producing clear yellow light, low-pressure sodium (SOX type), with a low UV value, should be used.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was being implemented from the 4th quarter of 2019 to the 4th quarter of 2021.</p>
67.	<p><b>Restoration of topsoil layer and green areas and tidying up the site after completion of works</b></p> <p>The following shall be performed after finishing the works:</p> <ol style="list-style-type: none"> <li>1) construction site facilities, technological roads and yards should be dismantled, whilst road slabs and sand collected from ballast should be transported outside the Task implementation area to the place specified beforehand (accepted by the Engineer);</li> <li>2) in the areas acquired in connection with the implementation of the Task (within the boundaries of the Task implementation area), appropriate agrotechnical measures should be taken (soil loosening, fertilization, etc.), in order to prepare the restoration of the fertile soil layer;</li> <li>3) in the areas acquired in connection with Task implementation (within the boundaries of the Task implementation area), the fertile soil layer should be restored (including the use of the topsoil collected from the area of works in accordance with condition given under item 10);</li> <li>4) treatments facilitating the restoration of green areas should be performed (including seeding and planting trees and bushes, using only native plant species, compatible with local habitat conditions), including the conditions given in item 68;</li> <li>5) proper care of the recreated green areas should be ensured (until the end of the Defects Notification Period);</li> <li>6) tidy up the Task implementation area. The actions described in items 2, 3, 4 and 5</li> </ol>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 4th quarter of 2022.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>(above) should be performed under the supervision of an expert botanist-phytosociologist and expert dendrologist (referred to in item 122), including in particular:</p> <ul style="list-style-type: none"> <li>a) agreeing on precise deadlines for works;</li> <li>b) agreeing on (in consultation with an expert entomologist referred to in item 122) the detailed location of sites for the reuse of humus originating from sites of protected species of butterflies (described in item 118 p. 3), stored as described in item 10 point d;</li> <li>c) agreeing on the species composition and quantitative proportions of seed mixtures planned for sowing (including, inter alia, the conditions given in item 68);</li> <li>d) agreeing on the composition and quantitative proportions of tree and bush species planned for planting;</li> <li>e) agreeing on the conditions for preparation of soil and seedlings;</li> <li>f) agreeing on the principles of caring for the recreated green areas;</li> <li>g) submission of the results of the above-mentioned arrangements for the Engineer's approval;</li> <li>h) supervision over the implementation of activities supporting the recreation of green areas and supervision over the care of these areas (until the end of the Defects Notification Period).</li> </ul> <p>Activities related to the recreation of the topsoil layer and the restoration of green areas referred to in this item of the EMP should be commenced as soon as their implementation is possible.</p> <p>Before starting to perform the conditions defined in this item of EMP, a Quality Assurance Plan for the above-mentioned works will be presented for the Engineer's approval.</p> <p>Information on the implementation of this measure in respect of re-use of the topsoil coming from the areas referred to in item 118 point 3 shall be provided in accordance with the conditions of item 128.</p> <p>[see also item 118 p. 3]</p>	

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
68.	<p><b>Additional conditions for sowing</b></p> <p>For the sowing of the areas referred to in item 67, grass mixtures made up exclusively of native species and compatible with the local habitat should be used (species such as creeping red fescue <i>Festuca rubra</i>, meadow fescue <i>F. pratensis</i>, English rye-grass <i>Lolium perenne</i>, or possibly Smooth brome <i>Bromus inermis</i>). The sown area should be covered with biodegradable biotextile to be attached to the subgrade with wooden stakes. Biodegradable biotextile with inserted grass seeds should be used as replacement.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started from the 2nd quarter of 2021 until the end of works execution.</p>
69.	<p><b>Restoration of the micro relief of the river valley</b></p> <p>After the completion of the works, the natural character of the river valley micro relief should be restored as far as possible along the entire stretch of the Nysa Kłodzka River in the area of the Task implementation.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 2nd quarter of 2023.</p>
70.	<p><b>Leaving localised depressions of land on floodplain terraces</b></p> <p>Local depressions of land should be left on the lower floodplain terraces where water can accumulate.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 2nd quarter of 2023.</p>
71.	<p><b>Use of building materials that comply with regulations and standards and are not harmful to the environment</b></p> <p>Only building materials not harmful for the environment (natural, environment friendly or neutral) shall be used for the implementation of the Task.</p> <p>Used materials, raw materials, fuels, fertilizers, cement and concrete mixes shall have relevant attestations and be allowed for use.</p> <p>Earth structures should be made of natural materials, without the use of hazardous materials or harmful to health.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
72.	<p><b>Technical efficiency and inspections of vehicles, machines and equipment</b></p> <p>In order to prevent contamination of soil and water, only technically efficient vehicles, machines and equipment should be used to carry out works.</p> <p>The Contractor should carry out ongoing inspections of the efficiency of vehicles, machines and equipment and eliminate with any resources available any permeation of contamination to soil and water, including in particular spilling of fuel, hydraulic diesel and petroleum substances, both during operation, refuelling, transport, as well as the work of vehicles, machines and equipment.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
73.	<p><b>Conditions for the location of material storage areas</b></p> <p>Building materials, in particular bulk materials, should be stored only on hardened surfaces within the construction site facilities.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
74.	<p><b>Reducing the time and number of drainage and prohibition to dispose of water from excavations directly to watercourses</b></p> <p>The time for carrying out drainage should be reduced to the minimum and such methods should be applied to reduce the amount of pumped water and ensure its protection against contamination.</p> <p>The water pumped out from the excavations cannot be directly disposed to watercourses due to high content of suspension.</p> <p>Before disposing to watercourses, the water should be purified of suspension, through the use of, e.g. sedimentation tanks.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
75.	<p><b>Conditions for movement of vehicles, machines and equipment in the Task execution area</b></p> <p>Movement of vehicles, machines and equipment should be conducted only:</p> <ul style="list-style-type: none"> <li>a) within the area of construction site facilities;</li> <li>b) on existing roads;</li> <li>c) on service roads and yards;</li> <li>d) on internal roads (after they have been built).</li> </ul> <p>[see also item 77]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
76.	<p><b>Parking place for machines and vehicles after finishing work</b></p> <p>Machines and vehicles should be parked, every day after finishing the work, in places intended for parking in the construction site facilities' area.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
77.	<p><b>Construction site facilities and technological yards to be laid with concrete slabs on the ballast</b></p> <p>The construction site facilities and all technological roads and other areas intended for movement of vehicles, machines and equipment, should be covered with concrete road slabs on the ballast (if these are unpaved areas).</p> <p>[see also item 75]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
78.	<p><b>Designation and sealing of places of garaging and maintenance of vehicles, machines and equipment</b></p> <p>Places intended for maintenance of vehicles, machines and equipment (including garaging, refuelling and technical service yards, etc.) should be designated and properly marked on the site facilities.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>The designated places intended for maintenance of vehicles, machines and equipment should be periodically (until completion of the construction) lined with impermeable insulating materials, protecting the subsoil against penetration of solid or liquid contaminants.</p> <p>At establishing locations for the above-mentioned sites, one shall consider e.g. a safe distance from reservoirs of flowing water and of stagnant water.</p> <p>A detailed location of the above-mentioned sites shall be agreed in advance with the team of environmental experts referred to in item 122 (including an expert phytosociologist).</p>	
79.	<p><b>Ensuring the outflow of water from parking lots and roads to sewage systems</b></p> <p>Parking yards for equipment and access roads should be made with a slope ensuring outflow of rainwater and snowmelt and wastewater to sewage systems in a way that prevents any contamination from entering the ground or surface water.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
80.	<p><b>A stand with a sorbent near the service and parking lots for vehicles, machines and equipment</b></p> <p>In the vicinity of the places intended for servicing vehicles, machines and equipment (including garaging, refuelling and technical service yards, etc.) there should a stand with sorbent serving to eliminate diesel leaks and outflows of petroleum derivatives.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
81.	<p><b>Guidelines for refuelling vehicles, machines and equipment</b></p> <p>Refuelling should be carried out using mobile or stationary fuel distribution points, with appropriate safeguards, such as a stand with sorbent used for removal of leaks and outflows of petroleum derivatives.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
82.	<p><b>Prevention of leaks from vehicles, machines and equipment</b></p> <p>For the entire period of Task implementation, the technical condition of working vehicles, machines and equipment should be monitored on an ongoing basis in order to eliminate leakage of petroleum hydrocarbons to the ground and water.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
83.	<p><b>Proceedings in the case of emission of petroleum derivatives</b></p> <p>In the event of any events associated with emission of petroleum derivatives into the environment (including subbase and water), one shall:</p> <ul style="list-style-type: none"> <li>a) take immediate actions to prevent the spread of contamination, by means of available resources (e.g. sorbents);</li> <li>b) immediately remove contaminated layers of soil, according to the currently binding regulations;</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p> <p>Problems occurred with the implementation of the measure in the 4th quarter of 2019. Places were identified on the Construction Site with leakage of petroleum substances. The Engineer provided his comments to the Contractor who informed immediate actions</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	c) in case of major failures, use the procedures described in item 103.	were taken to prevent the spread of the pollutants in the presence of the Engineer's Personnel. The above default had no actual impact on the environment.
84.	<b>Reducing time of works to daytime</b> Works should be planned to last as short a time as possible and should only be carried out during daylight hours (between 06:00 am and 10.00 pm).	<b>IMPLEMENTED AND COMPLETED.</b>  No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.
85.	<b>Reducing noise of vehicles, machines and equipment</b> During the Task implementation period only technically efficient vehicles, machines and equipment should be used, with noise emission (acoustic power) compliant with the binding regulations. In case any inefficient vehicles, machines and equipment are found which can generate a higher noise level in their neighbourhood, they should be eliminated from work.	<b>IMPLEMENTED AND COMPLETED.</b>  No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.
86.	<b>Reducing noise of pump sets</b> In the case of carrying out works in the acoustically protected areas or in their vicinity, in order to reduce their inconvenience to residents, only such pump sets should be used which are equipped with soundproof housing which ensures the reduction of the noise levels to be compliant with the applicable regulations and standards.	<b>IMPLEMENTED AND COMPLETED.</b>  No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.
87.	<b>Limiting the power consumption of vehicles, machines and equipment</b> Vehicles, machines and equipment should be used with low power consumption and switch off power/engines during the break in operation. Operating time of vehicles, machines and equipment should be reduced to the necessary minimum.	<b>IMPLEMENTED AND COMPLETED.</b>  No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.
88.	<b>Limiting air pollution with exhaust fumes</b> In order to reduce the negative impact on the condition of the air: a) only technically efficient vehicles, machines and equipment should be used, with the required approvals to reduce the emission of gaseous and particulate substances into the air; b) a place should be provided for free manoeuvres of vehicles, such as yards; c) it is necessary to limit the movement of vehicles, machines and devices to the necessary minimum;	<b>IMPLEMENTED AND COMPLETED.</b>  No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	d) vehicles should be parked with the engine turned off.	
89.	<p><b>Dust control from construction site and roads</b></p> <p>When carrying out construction works, the effects of secondary dusting should be limited by maintaining a high work culture, in particular by:</p> <ul style="list-style-type: none"> <li>a) systematic cleaning of the construction site;</li> <li>b) spraying dusty road surfaces;</li> <li>c) use of sealed tarpaulins on cars transporting materials that may cause dust during transport;</li> <li>d) cleaning the wheels of the vehicles before they go to the access roads to the Task implementation area;</li> <li>e) removing dirt using mechanical devices (special vehicles).</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
90.	<p><b>Keeping the roads clean</b></p> <p>The following measures should be taken to keep roads clean, among others:</p> <ul style="list-style-type: none"> <li>a) the Contractor shall use all available technical means and organisation of works in order to maximally reduce pollution of access roads to the Task area.</li> <li>b) in places of departure of heavy equipment from the construction site, the Contractor will install stands where initial removal of soil or mud from vehicle wheels will take place.</li> <li>c) the Contractor is obliged to immediately and systematically remove any dirt generated on the roads as a result of the movement of vehicles, machines and equipment connected with the Task.</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p> <p>Problem occurred with the implementation of the measure in the period of the 4th quarter of 2020, the roads were found to be contaminated with mud from the wheels of vehicles working on the Construction. The Contractor implemented corrective actions. No significant negative impact of the default on the surrounding environment was identified.</p>
91.	<p><b>Preparation of Waste Management Plan (WMP)</b></p> <p>Prior to the commencement of works, the Contractor will prepare and submit for the Engineer's approval a Waste Management Plan, specifying the way of handling waste expected to be generated when conducting the works and taking into account, in particular, conditions for waste management included in the EMP.</p> <p>[see also item 8]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
92.	<p><b>Waste management principles</b></p> <p>Waste generated during the Task implementation shall be:</p> <ul style="list-style-type: none"> <li>a) segregated and stored selectively in sealed containers or in separate and adapted places, in conditions preventing dusting and dispersing of light fractions and their negative impact on the environment;</li> <li>b) ensure gradual waste reception by entities authorised to handle it.</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 2nd quarter of 2018 until the end of construction works implementation.</p>



Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
93.	<p><b>Rules for handling hazardous waste</b></p> <p>Hazardous waste should be segregated and stored separately in special sealed containers placed in the hardened and marked area secured against access by third parties, until it is handed over to entities authorised to handle it.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
94.	<p><b>Principles of handling social and domestic sewage</b></p> <p>Social and domestic sewage from the construction site facilities should be stored in sealed holding tanks, content of which will be handed over to entities authorised to handle it.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
95.	<p><b>Prevention of illegal landfill sites</b></p> <p>Prior to the commencement of works the Contractor will investigate the Task implementation area for the presence of possible illegal landfills. During the implementation of the Task, the Contractor secures the area of the Task against any occurrence of such landfills.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>
96.	<p><b>Development of documents related to safety in the Task execution area</b></p> <p>In the Task execution area, it is necessary to maintain order and ensure proper organisation of works. Prior to the commencement of works, the Contractor will develop and then obtain the Engineer's approval for the following documents related to safety on the construction site:</p> <ul style="list-style-type: none"> <li>a) Health and Safety Plan (HASP);</li> <li>b) Construction Site Organisation Plan.</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 1st quarter of 2018.</p>
97.	<p><b>Sapper reconnaissance and supervision in the Task implementation area</b></p> <p>In order to minimise the risk associated with the possibility of hazardous items of military origin occurring in the Task implementation area, the Contractor shall provide:</p> <ul style="list-style-type: none"> <li>a) prior to the start of works – reconnaissance at the Task implementation area to verify the presence of unexploded shells and misfires (a report with results of the above-mentioned sapper reconnaissance should be submitted to the Engineer for acceptance);</li> <li>b) during the works – sapper supervision of works (carried out by the team of sapper supervision discussed under item 124), consisting in the ongoing checking and clearing of the Task implementation area of dangerous objects of military origin along with their treatment;</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of works execution.</p>



Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	c) if hazardous military objects are found on the Task implementation area – apply the procedures described in item 104.	
98.	<p><b><i>Documentation and monitoring of the technical condition of buildings exposed to tremor and vibrations</i></b></p> <p>Before starting works during which tremors and vibrations threatening the local residents and nearby buildings and infrastructure facilities may occur, the Contractor will take an inventory of existing buildings and facilities, with particular reference to cracks and damages.</p> <p>During the performance of the above-mentioned works, the Contractor will monitor the condition of these buildings and facilities on a regular basis.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of works execution.</p>
99.	<p><b><i>Implementation of guidelines on work safety requirements</i></b></p> <p>The Contractor will ensure the implementation of detailed guidelines on work safety requirements, including in terms of:</p> <ul style="list-style-type: none"> <li>a) development of the construction site, including hazardous areas;</li> <li>b) storage and transport;</li> <li>c) electrical installations and devices;</li> <li>d) machines and technical equipment;</li> <li>e) work at heights;</li> <li>f) earthworks;</li> <li>g) selected renovation and demolition works, contained in applicable legal regulations and as outlined in the National Labour Inspectorate study annexed to the Contract Bidding Documents (Part 2, Section VII – Works Requirements).</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of works execution.</p>
100.	<p><b><i>Ensuring the hygienic conditions</i></b></p> <p>In the Task implementation area, it is necessary to ensure the necessary number of portable toilets and ensure their use by employees, as well as ensure the training of all employees in maintaining appropriate hygiene conditions within the construction site and its immediate neighbourhood.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of works execution.</p>
101.	<p><b><i>Guidelines on HIV – AIDS prevention</i></b></p> <p>The Contractor shall, via an approved service provider, implement a program to raise awareness of HIV-AIDS type diseases (including appropriate training) and will take all other measures to reduce the risk of HIV spreading among the Contractor's personnel and the local community. These activities should be performed in accordance with the detailed guidelines defined in the Contract Bidding Documents (Part 3, Section VIII – General Conditions, Clause 6.7).</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of works execution.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
102.	<p><b>Rules of procedure in connection with the flood risk</b></p> <p>In connection with the flood risk, the Contractor will prepare and submit to the Engineer's approval a document entitled: Flood protection plan for the construction site, taking into account local hydrological and meteorological conditions in the vicinity of the construction site.</p> <p>In case of flood, the Contractor will act in accordance with the procedures described in the above-mentioned document.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of works execution.</p>
103.	<p><b>Guidelines on notifying of emergency</b></p> <p>In case of an emergency situation (other than flooding), accident, major breakdown, etc., the Contractor is obliged to take the following actions:</p> <ul style="list-style-type: none"> <li>a) immediately notify the relevant services (Fire Brigade, Ambulance, Police, etc.);</li> <li>b) until the arrival of the relevant services, take the necessary actions to reduce the risk of loss of personnel, property and environment (as agreed with the relevant services, if possible);</li> <li>c) notify the Engineer and the Employer;</li> <li>d) upon arrival of the relevant services, strictly follow their recommendations and instructions.</li> </ul> <p>[see also condition in item 83]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of works execution.</p>
104.	<p><b>Guidelines for handling an unexploded shells</b></p> <p>In case of finding an unexploded shell:</p> <ul style="list-style-type: none"> <li>a) stop working immediately,</li> <li>b) evacuate the area around the find;</li> <li>c) immediately notify the sapper supervision [see items 97 and 124] and the Police, and then act according to their instructions;</li> </ul> <p>notify the Engineer and the Employer.</p> <p>For the discovered unexploded shells, it is absolutely prohibited to raise them, excavate them, bury them, transfer them or throw them to the fire or water, etc.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of works execution.</p>
105.	<p><b>Obtaining the opinion of the conservator of monuments</b></p> <p>Prior to commencing the works, the Contractor will obtain an opinion of the appropriate monuments conservator on the conditions for the execution of the planned works, in connection with the applicable rules for the protection of historic buildings and archaeological sites.</p> <p>The Contractor will be obliged to comply with the findings of this opinion.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>There are no historical sites or archaeological sites entered into the register of monuments within the Construction Area.</p>
106.	<p><b>Ensuring the archaeological supervision</b></p> <p>Earthworks should be carried out under ongoing archaeological supervision.</p> <p>For this purpose, the Contractor shall:</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<ul style="list-style-type: none"> <li>a) prepare a relevant action plan in this regard as part of the Quality Assurance Programme;</li> <li>b) ensure the participation of a team of archaeological experts (referred to in item 123) who conduct ongoing supervision of earthworks;</li> <li>c) if necessary, obtain the permission required by law to conduct archaeological investigations from the Lower Silesian Provincial Conservator of Monuments.</li> </ul>	quarter of 2018 until the end of works execution.
107.	<p><b>Rules of conduct in case of discovery of movable monuments or archaeological sites</b></p> <p>If an object is uncovered when conducting the works which may be or certainly is a historic monument or has a historical value, the Contractor is obliged to:</p> <ul style="list-style-type: none"> <li>a) immediately stop any works that may damage or destroy uncovered objects;</li> <li>b) secure (by means of available sources) uncovered objects and the place where they were found against being destroyed, damaged or stolen;</li> <li>c) immediately notify the team of archaeological experts (as referred to in Items 106 and 123) and the Engineer;</li> <li>d) take further security measures, agreed with the team of archaeological experts and the Engineer;</li> <li>e) facilitate and ensure carrying out documentary activities, archaeological investigations and other necessary activities indicated by a team of archaeological experts and/or administrative authorities responsible for preserving the historic substance;</li> <li>f) after completing the activities and research listed in items d) and e) uncovered mobile monuments should be relocated to appropriate institutions indicated by a team of archaeological experts and/or administrative authorities responsible for protecting the historic substance (in accordance with the applicable regulations and the content of the Permit referred to in par. 106 point c).</li> <li>g) in the case of immobile monuments, after completing the activities and investigations listed in items d) and e), the guidelines should be implemented regarding further treatment of the uncovered historic substance, established by a team of archaeological experts and/or administrative authorities responsible for</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of works execution.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	protecting the historic substance (in accordance with applicable regulations and the content of the Permit referred to in par. 106 point c).	
108.	<p><b><i>Planting of riparian tree stands *91E0 on the banks of the Nysa Kłodzka River</i></b></p> <p>On both banks of the Nysa Kłodzka, on the land owned by the Investor, on free areas of the site suitable for the natural habitat *91E0 Willow-poplar-alder-ash forests, trees and bushes should be planted on areas covering the total area of at least 0.55 ha. Only native tree and bush species, typical of *91E0 habitats, should be used for planting (including trees: black alder, willow, white willow, aspen poplar, white poplar, ash and bushes: common cherry and common hazel).</p> <p>The planted crops should be cared for (e.g. annual mowing of grasses in the crops, fencing of the crop area, application of repellents or restoration) for at least 10 years.</p> <p>During the Task implementation period, the above-mentioned activities (i.e. planting and care) should be carried out under the supervision of the expert botanist-phytosociologist and dendrologist (referred to in item 122), including in particular:</p> <ul style="list-style-type: none"> <li>a) agreeing on precise deadlines for works;</li> <li>b) agreeing on a detailed planting location;</li> <li>c) agreeing on the composition and quantitative proportions of tree and bush species planned for planting;</li> <li>d) agreeing on the conditions for preparation of soil and seedlings;</li> <li>e) agreeing on the care of the plantings performed;</li> <li>f) submission of the results of the above-mentioned arrangements for the Engineer's approval;</li> <li>g) supervision over the execution of plantings and supervision over the care of the executed plantings (until the end of the Defects Notification Period). The arrangements referred to in points a-e shall take into account the requirements specified in the design documentation for the relevant scope.</li> </ul> <p>The actions related to the execution of plantings referred to in this item of EMP shall be started as soon as possible to enable their timely implementation.</p> <p>Before starting to perform the conditions defined in this item of EMP, a Quality Assurance Plan for the above-mentioned works will be presented for the Engineer's approval.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 3rd quarter of 2021 until the end of the Defects Notification Period.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 127.	
109.	<p><b><i>Planting of tree stands on the slopes of the Nysa Kłodzka valley</i></b></p> <p>On both slopes of the Nysa Kłodzka valley, on areas designated for afforestation on the land owned by the Investor, trees and bushes should be planted with a dendroflora composition similar to that of the existing stands occurring in the vicinity of these areas (dominant tree species are: common beech, sycamore maple, small-leaved linden, common spruce, admixture tree species are: common mountain ash, bearded birch, common fir, European larch, common maple, English oak, bird cherry, mountain elm, common hornbeam, and bushes: common hazel, common cherry, coloured calla, common buckthorn, coral lilac, additionally on the edges of the forest: common and alpine rose, blackthorn, hawthorn).</p> <p>New afforestation on the left (i.e. southern) slope of the valley should cover an area of at least 3.5 ha, while on the right (i.e. northern) slope an area of at least 0.55 ha.</p> <p>These areas will constitute an extension of the existing forest complexes.</p> <p>Only native tree and bush species, typical of the given habitat type, should be used for planting.</p> <p>The planted crops should be cared for (e.g. annual mowing of grasses in the crops, fencing of the crop area, application of repellents or restoration) for at least 10 years.</p> <p>During the Task implementation period, the above-mentioned activities (i.e. planting and care) should be carried out under the supervision of the expert botanist-phytosociologist and dendrologist (referred to in item 122), including in particular:</p> <ul style="list-style-type: none"> <li>a) agreeing on precise deadlines for works;</li> <li>b) agreeing on a detailed planting location;</li> <li>c) agreeing on the composition and quantitative proportions of tree and bush species planned for planting;</li> <li>d) agreeing on the conditions for preparation of soil and seedlings;</li> <li>e) agreeing on the care of the plantings performed;</li> <li>f) submission of the results of the above-mentioned arrangements for the Engineer's approval;</li> <li>g) supervision over the execution of plantings and supervision over the care of the executed plantings (until the end of the Defects Notification Period).</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 3rd quarter of 2021 until the end of the Defects Notification Period.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>The arrangements referred to in points a-e shall take into account the requirements specified in the design documentation for the relevant scope.</p> <p>The actions related to the execution of plantings referred to in this item of EMP shall be started as soon as possible to enable their timely implementation.</p> <p>Before starting to perform the conditions defined in this item of EMP, a Quality Assurance Plan for the above-mentioned works will be presented for the Engineer's approval.</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 127.</p>	
110.	<p><b>Planting tree stands of the natural habitat *9180</b></p> <p>On the slope of the Nysa Kłodzka valley, above the existing natural habitat *9180 Javorins and maple-lime forests on the slopes and hillsides (on the slopes and hillsides directly adjacent to it), the patches of the natural habitat *9180 (slope forest) with an area of not less than 1 ha, should be recreated.</p> <p>The species composition of the new tree stand is to correspond to the composition typical for the habitat *9180 (slope forest) – with a dominance of sycamore with an admixture of small-leaved lime, European ash, European spruce, white willow and the bushes: common hazel, common cherry, alpine rose, mountain ash, black honeysuckle.</p> <p>Only native tree and bush species, typical of the given habitat type, should be used for planting.</p> <p>The planted crops should be cared for (e.g. annual mowing of grasses in the crops, fencing of the crop area, application of repellents or restoration) for at least 10 years.</p> <p>During the Task implementation period, the above-mentioned activities (i.e. planting and care) should be carried out under the supervision of the expert botanist-phytosociologist and dendrologist (referred to in item 122), including in particular:</p> <ul style="list-style-type: none"> <li>a) agreeing on precise deadlines for works;</li> <li>b) agreeing on a detailed planting location;</li> <li>c) agreeing on the composition and quantitative proportions of tree and bush species planned for planting;</li> <li>d) agreeing on the conditions for preparation of soil and seedlings;</li> <li>e) agreeing on the care of the plantings performed;</li> <li>f) submission of the results of the above-mentioned arrangements for the Engineer's approval;</li> <li>g) supervision over the execution of plantings and supervision over the care of the</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 3rd quarter of 2021 until the end of the Defects Notification Period.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>executed plantings (until the end of the Defects Notification Period).</p> <p>The arrangements referred to in points a-e shall take into account the requirements specified in the design documentation for the relevant scope.</p> <p>The actions related to the execution of plantings referred to in this item of EMP shall be started as soon as possible to enable their timely implementation.</p> <p>Before starting to perform the conditions defined in this item of EMP, a Quality Assurance Plan for the above-mentioned works will be presented for the Engineer's approval.</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 127.</p>	
111.	<p><b><i>Planting of tree stands along the new section of the Bobosów – Pisary municipal road</i></b></p> <p>Trees and bushes should be planted along the new section of the Bobosów - Pisary municipal road (on both sides of the road), over an area of at least 1.5 ha.</p> <p>On the slope below the road (i.e. on the bowl side of the reservoir), the following native tree and bush species should be planted in a strip approximately 10-20 m wide (from km 0+100 to 1+200 of the road):</p> <ul style="list-style-type: none"> <li>a) dominant tree species are: sycamore, small-leaved lime;</li> <li>b) bush species: common rose, alpine rose, blackthorn plum, blackthorn, hawthorn, common hazel, coral callas, common buckthorn, coral elder, elderberry.</li> </ul> <p>On the slope above the road, a strip 3-10 m wide (from km 0+000 to 0+900 of the road) should be planted with the above-mentioned native bush species.</p> <p>The plantings made should be cared for (e.g. annual mowing of grasses in the crops, fencing of the crop area, application of repellents or restoration) for at least 10 years.</p> <p>During the Task implementation period, the above-mentioned activities (i.e. planting and care) should be carried out under the supervision of the expert botanist-phytosociologist and dendrologist (referred to in item 122), including in particular:</p> <ul style="list-style-type: none"> <li>a) agreeing on precise deadlines for works;</li> <li>b) agreeing on a detailed planting location;</li> <li>c) agreeing on the composition and quantitative proportions of tree and bush species planned for planting;</li> <li>d) agreeing on the conditions for preparation of soil and seedlings;</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 3rd quarter of 2021 until the end of the Defects Notification Period.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>e) agreeing on the care of the plantings performed;</p> <p>f) submission of the results of the above-mentioned arrangements for the Engineer's approval;</p> <p>g) supervision over the execution of plantings and supervision over the care of the executed plantings (until the end of the Defects Notification Period).</p> <p>The arrangements referred to in points a-e shall take into account the requirements specified in the design documentation for the relevant scope.</p> <p>The actions related to the execution of plantings referred to in this item of EMP shall be started as soon as possible to enable their timely implementation.</p> <p>Before starting to perform the conditions defined in this item of EMP, a Quality Assurance Plan for the above-mentioned works will be presented for the Engineer's approval.</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 127.</p>	
112.	<p><b><i>Conditions for planting the trees and bushes, referred to in items 108 to 111</i></b></p> <p>The detailed designs of afforestation and bushes referred to in items 108 to 111 shall be prepared and carried out under the guidance of an expert phytosociologist, dendrologist and chiropterologist (referred to in item 122), in agreement with the relevant forestry.</p> <p>The results of agreements with the above-mentioned nature experts and the forestry officer are to be submitted to the Engineer for approval.</p> <p>The newly formed vegetation should allow bats to fly through and ensure that the function of the Nysa Kłodzka ecological corridor is maintained.</p> <p>Planting should be done in early spring or autumn, during the period of Task implementation.</p> <p>Seedlings should be protected from being gnawed by forest animals.</p> <p>The completed plantings should be supervised and inspected annually (for at least 10 years) and, if defects are found, they must be replanted with new planting, at a ratio of 1:1 (one new planting for every single defect).</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 127.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 3rd quarter of 2021 until the end of the Defects Notification Period.</p>
113.	<p><b><i>Mowing of meadows in the reservoir bowl</i></b></p> <p>Extensive grazing and meadow management should be carried out within the reservoir bowl.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The</p>



Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>It is recommended to alternate mowing the area to be mown: one year half of the area should be mowed and the following year the other half of the area. Meadows should be mowed in August, after the grasses have flowered.</p> <p>Low mowing should be avoided, and efforts should be made to preserve the host plants of large copper butterfly (species of the genus <i>Rumex</i> sorrel: great water dock, curly dock, broad-leaved dock, western dock, sharp dock, wood dock and common yellow woodsorrel).</p> <p>Natural succession of meadows towards woodland should not be allowed.</p> <p>During the Task implementation period, the above-mentioned activities (i.e. mowing the meadows) should be carried out under the supervision of the expert botanist-phytosociologist, (referred to in item 122), including in particular:</p> <ul style="list-style-type: none"> <li>a) agreeing on precise deadlines for works;</li> <li>b) agreeing on a detailed location of the activities;</li> <li>c) agreeing detailed rules for mowing meadows;</li> <li>d) submission of the results of the above-mentioned arrangements for the Engineer's approval;</li> <li>e) supervision of the performance of the above activities (until the end of the Defects Notification Period).</li> </ul> <p>The activities related to the mowing of meadows referred to in this item of EMP shall be started as soon as possible to enable their timely implementation.</p> <p>Before starting to perform the conditions defined in this item of EMP, a Quality Assurance Plan for the above-mentioned works will be presented for the Engineer's approval.</p>	<p>measure was implemented from the 3rd quarter of 2019 until the end of the Defects Notification Period.</p>
114.	<p><b><i>Installation of nesting boxes for White-throated dipper and Grey wagtail</i></b></p> <p>One nesting box, each suitable for the nesting of White-throated dipper <i>Cinclus cinclus</i>, should be hung under the two new bridges and under the bridge over the Nysa Kłodzka on national road 33 Kłodzko – Boboszów.</p> <p>In addition, 2 nesting boxes should be hung under two more bridges from the reservoir construction site for Grey wagtail <i>Motacilla cinerea</i>.</p> <p>If a retaining wall is built below the dam of the reservoir, an additional two retaining type boxes for White-throated dipper and Grey wagtail should be hung, spacing them approx. 100 m apart and from the nearest bridges, at a height from the top of the wall of no less than 0.3 m.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 3rd quarter of 2022 until the end of the Defects Notification Period.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>The design of the boxes and the detailed locations of the sites for hanging the boxes are to be agreed with the expert ornithologist (referred to in item 122) and the results of the agreements are to be submitted to the Engineer for approval.</p> <p>The boxes should be hung in agreement with and under the supervision of the expert ornithologist.</p> <p>During the period of Task execution, the Contractor shall ensure the annual cleaning and necessary maintenance of the boxes (including their replacement in case of wear and tear), carried out with the participation and under the supervision of the above-mentioned expert ornithologist.</p> <p>After the end of the Task implementation period (i.e. in the period of use) the Employer shall ensure the annual cleaning and necessary maintenance of the boxes (including their replacement in case of wear and tear), carried out with the participation and under the supervision of the expert ornithologist.</p> <p>The actions related to the hanging of nesting boxes for White-throated dipper and Grey wagtail, referred to in this item of EMP, shall be started as soon as possible to enable their timely implementation.</p> <p>Before starting to perform the conditions defined in this item of EMP, a Quality Assurance Plan for the above-mentioned works will be presented for the Engineer's approval.</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 127.</p>	
115.	<p><b>Installation of bird nesting boxes</b></p> <p>The following number of bird nesting boxes should be installed under the control of the above-mentioned ornithologist during the project implementation period, in the vicinity of the Project's implementation site or at the Project's implementation site (in the reservoir bowl, in places where no construction works will be conducted), in the location indicated by the ornithologist from the nature supervision and in consultation with the locally responsible forestry officer:</p> <ul style="list-style-type: none"> <li>a) type A nesting box: 70 pcs.;</li> <li>b) type A1 nesting box: 40 pcs.;</li> <li>c) type B nesting box: 89 pcs. (including 9 for Eurasian wryneck and 20 for nuthatch),</li> <li>d) nesting box for treecreeper: 20 pcs.;</li> <li>e) semi-open nesting box for spotted flycatcher: 30 pcs.;</li> <li>f) semi-open nesting box for kestrel: 3 pcs.,</li> <li>g) type D nesting box: 3 pcs.</li> </ul> <p>The results of the above-mentioned agreements for location of boxes with an expert ornithologist and the forestry officer are to be submitted to the</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 2nd quarter of 2018 until the end of the Defects Notification Period.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>Engineer for approval.</p> <p>The boxes should be hung in agreement with and under the supervision of the expert ornithologist.</p> <p>During the period of Task execution, the Contractor shall ensure the annual cleaning and necessary maintenance of the boxes (including their replacement in case of wear and tear), carried out with the participation and under the supervision of the above-mentioned expert ornithologist.</p> <p>After the end of the Task implementation period (i.e. in the period of use) the Employer shall ensure the annual cleaning and necessary maintenance of the boxes (including their replacement in case of wear and tear), carried out with the participation and under the supervision of the expert ornithologist.</p> <p>Before starting to perform the conditions defined in this item of EMP, a Quality Assurance Plan for the above-mentioned works will be presented for the Engineer's approval.</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 127.</p>	
116.	<p><b><i>Installation of a nesting platform for black stork</i></b></p> <p>A replacement nesting platform for the black stork should be constructed.</p> <p>The platform should be installed within the project execution period. The platform is to be located within the boundaries of the 115p division in the Smreczyna forestry (Boboszków register precinct).</p> <p>The design and construction of the platform shall be agreed with the expert ornithologist (referred to in item 122) and the results of the agreements are to be submitted to the Engineer for approval.</p> <p>The detailed location of the platform in the above-mentioned forest division shall be agreed with the above-mentioned expert ornithologist and the locally competent forestry officer, and the results of the agreement shall be submitted to the Engineer for approval.</p> <p>The construction and installation of the platform shall be carried out in agreement with and under the supervision of the expert ornithologist.</p> <p>During the Task implementation period, the Contractor shall ensure annual inspections of the condition of the platform outside the bird breeding period (including its replacement or repair in case of wear and tear) and annual inspections of the platform's occupancy by birds during the breeding period, undertaken with and under the supervision of the above-mentioned expert ornithologist.</p> <p>After the end of the Task implementation period (i.e. in the period of use) the Employer shall ensure the annual inspection and necessary replacement and</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 until the end of the Defects Notification Period.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>repair of the platform, carried out with the participation and under the supervision of the expert ornithologist.</p> <p>Before starting to perform the conditions defined in this item of EMP, a Quality Assurance Plan for the above-mentioned works will be presented for the Engineer's approval.</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 127.</p>	
117.	<p><b>Installation of boxes for bats</b></p> <p>42 nesting boxes for bats should be installed during the project implementation period, in the vicinity of the Project's implementation site or at the Project's implementation site (in the reservoir bowl, in places where no construction works will be conducted), in the exact location indicated by the chiropterologist from the nature supervision [referred to in item 122] and in consultation with the locally responsible forestry officer.</p> <p>These boxes should be installed in 7 groups of 6 boxes each.</p> <p>In each of the 7 groups, 3 boxes of the Issel model and 3 boxes of the Stratmann model should be installed.</p> <p>The results of agreements for the location of boxes with the above-mentioned expert chiropterologist and the forestry officer are to be submitted to the Engineer for approval.</p> <p>The boxes should be hung in agreement with and under the supervision of the above-mentioned expert chiropterologist.</p> <p>During the period of Task execution, the Contractor shall ensure the annual cleaning and necessary maintenance of the boxes (including their replacement in case of wear and tear), carried out with the participation and under the supervision of the above-mentioned expert chiropterologist.</p> <p>After the end of the Task implementation period (i.e. in the period of use) the Employer shall ensure the annual cleaning and necessary maintenance of the boxes (including their replacement in case of wear and tear), carried out with the participation and under the supervision of the expert chiropterologist.</p> <p>Before starting to perform the conditions defined in this item of EMP, a Quality Assurance Plan for the above-mentioned works will be presented for the Engineer's approval. Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in items 127 and 128.</p> <p>[see also item 118 p. 5c]</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 2nd quarter of 2019 until the end of the Defects Notification Period.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
118.	<p><b>Implementation of the decision of RDOŚ permitting derogations from the prohibitions on the protection of species of plants and animals</b></p> <p>The conditions are listed below valid in case of destroying the individuals and habitats and for disturbance and scaring of protected species of plants and animals listed in the decision of RDOŚ in Wrocław of March 5th, 2019 in connection with the implementation of the investment Task 2A.1/1 entitled Construction of "Boboszków" – a dry flood control reservoir on Nysa Kłodzka River (ref.: WPN.6400.6.2019MH and the decision of RDOŚ in Wrocław of March 5th, 2019 amended by the decision of RDOŚ in Wrocław ref. WPN.6400.27.2018.IL of June 29th, 2018 (ref.: WPN.6400.27.2018.MH.1).</p> <p>The permits defined in the decision ref. WPN.6400.6.2019.MH are valid until May 1st, 2021. The permits defined in the decision ref. WPN.6400.27.2018.MH.1 are valid until December 31st, 2020.</p> <ol style="list-style-type: none"> <li>1) it is permitted to destroy the habitats and individuals of 3 protected species of plants (mosses) listed in the decision ref. WPN.6400.6.2019.MH (located on plots nos.: 59/1, 61/1, 61/11, the precinct of Boboszków, 393/2 the precinct of Pisary),</li> <li>2) it is permitted to destroy the habitats of 7 protected species of plants listed in the above-mentioned decisions (located on plots nos.: 59/3, 61/11, 61/12, 64, 66/1, 69, 70/3, 81/2, the precinct of Boboszków and 293/1, 294 the precinct of Pisary</li> <li>3) it is permitted to destroy the habitats of 3 protected species of butterflies listed in the decision ref. WPN.6400.6.2019.MH.1 (located on plot no.: 66/1 – the precinct of Boboszków),</li> <li>4) it is permitted to destroy the habitats of 2 protected species of fish listed in decision ref. WPN.6400.6.2019.MH.1 (located on plot no.: 69 – the precinct of Boboszków – Nysa Kłodzka riverbed at the distance of approx. 500 m), under the following conditions: <ol style="list-style-type: none"> <li>a) observe the dates of conducting the works in the riverbed of the Nysa Kłodzka described in item 4 6 in this table.</li> </ol> </li> <li>5) it is permitted to destroy the habitats of 6 protected species of bats listed in decision ref. WPN.6400.6.2019.MH.1 (located in the</li> </ol>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of works execution.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>wooded areas on plots nos. 63, 65/1, 65/2, 68/3, 68/4, 69, 70/3, 70/4, 81/5, 81/2, 81/7, 81/8, the precinct of Boboszków, in the building structures to be demolished, located on plots nos. 59/1, 59/3, 59/4, 81/2, 61/4, 61/11, 61/12, 63, the precinct of Boboszków and on plot no. 306/2, the precinct of Pisary), under the following conditions:</p> <ul style="list-style-type: none"> <li>a) clearance of trees with the circumference at breast height above 40 cm should be conducted in a manner described in item 17 in this table;</li> <li>b) demolition of building structures should be conducted in a manner described in item 34 in this table;</li> <li>c) perform the activities aimed at restoring the shelters of bats as described in item 1 in this table.</li> </ul> <p>6) it is permitted to destroy habitats, intentionally scare and disturb and intentionally transfer individuals of 8 protected species of mammals listed in decision no. WPN.6400.6.2019.MH1 (located in the valley of the Nysa Kłodzka River, in the Task implementation area), under the following condition:</p> <ul style="list-style-type: none"> <li>a) perform the activities connected with catching and transferring the individuals of these species from the construction site, described in items 37 and 40 in this table;</li> <li>b) conduct works under the supervision of an expert theriologist, as per the conditions specified in item 42 of the table.</li> </ul> <p>7) it is permitted to destroy the habitats and intentionally disturb and scare 17 protected species of birds listed in the decision ref. WPN.6400.6.2019.MH.1 (observed within the boundaries of plots nos. 61/1, 69, 81/7, 81/8, 77, 63, 65/1, 65/2, 61/4, 61/11, 61/12, 64, 66/1, 67, 61/2, 81/2, 81/6, 81/5, 62/1, 62/2, 62/3, 59/1, 59/3, 59/4, 53, 60, 32, 70/3, 70/4, 68/3, 68/4, 68/2, 216, 78/1, 78/2, 80, the precinct of Boboszków, 296/1, 296/2, 295/1, 259/2, 299/1, 299/2, 292/4, 292/5, 292/6, 293/1, 293/2, 294, 298, 306/8, 306/2, 306/3, 306/10, 306/11, the precinct of Pisary under the following conditions:</p> <ul style="list-style-type: none"> <li>b) conduct the works at the dates</li> </ul>	

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>described in item 27 in this table.</p> <p>8) it is permitted to intentionally disturb and scare 4 protected species of birds listed in the decision ref. WPN.6400.6.2019.MH.1 (observed within the boundaries of plots nos. 66/3, 66/2, 33/1, 33/2, 58/1, 58/3, 58/4, 61/7, 61/8, 61/9, 61/10, 69, 81/7, 81/8, 77, 63, 65/1, 65/2, 61/4, 61/11, 61/12, 64, 66/1, 67, 61/2, 81/2, 81/6, 81/5, 59/1, 59/3, 59/4, 62/1, 62/2, 62/3, 53, 60, 32, 70/3, 70/4, 68/3, 68/4, 68/2, 216, 78/1, 78/2, 80 precinct of Boboszków, 296/1, 296/2, 295/1, 295/2, 306/8, 299/1, 292/4, 292/5, 292/6, 293/1, 293/2, 294, 298, 306/2, 306/3, 306/10, 306/11, 46, the precinct of Pisary under the following conditions:</p> <p>a) conduct the works at the dates described in item 27 and 28 in this table.</p> <p>b) observe the dates and conditions of conducting the works close to the black stork nest, described in item 29 in this table.</p> <p>Information on the scope of fulfilling the conditions given in point 1-8 (above) should be submitted to the Engineer in accordance with the conditions defined in item 128.</p>	
119.	<p><b>Verification of geodetic division used in the EMP</b></p> <p>The references to the numbering of the register plots given in this appendix to the EMP refer to the state of the geodetic division of 2014-2015 as well as 2019 (concerning the activities defined in items 32, 33, 118).</p> <p>The following should be done before commencing the implementation of the conditions referring to the areas described in the EMP by means of numbers of register plots (see item 6, 15):</p> <p>a) identify the current location of the boundaries of the above-mentioned areas with reference to the current geodetic division (and the current numbering of plots) included in the current investment project implementation permit decision issued for the Task;</p> <p>b) submit information on the results of the above findings to the Engineer for approval.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 1st quarter of 2018.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
120.	<p><b><i>Training of the Contractor's staff for EMP implementation</i></b></p> <p>The Contractor is obliged to train their managerial and engineering and technical staff on the rules and methods of implementation of these EMP conditions which, in accordance with Appendix 1 and Appendix 2 of the EMP, are assigned to the Contractor. Such training should be concluded with a test of participants' knowledge.</p> <p>The Contractor, in monthly reports submitted to the Engineer, will provide information on the status of training for the Contractor's personnel within EMP conditions in the current reporting period.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of works execution.</p>
121.	<p><b><i>Appointment of the EMP coordinator in the Contractor's team</i></b></p> <p>A person shall be appointed in the Contractor's team coordinating and supervising the measures related to EMP implementation.</p> <p>The responsibilities of such person shall be, in particular:</p> <ul style="list-style-type: none"> <li>a) supervision over the implementation of particular conditions of the EMP in subsequent stages of the Task implementation;</li> <li>b) ongoing monitoring of the state of implementation of particular conditions from Appendix 1 and 2 of the EMP in the area of Task implementation;</li> <li>c) informing the management of the Contractor's team on a current basis about the obligations resulting from the EMP at a given stage of works, as well as about problems in the implementation of the EMP;</li> <li>d) co-operation with the rest of the Contractor's team (including a team of environmental experts, a team of archaeological experts and a team of sapper supervision referred to items 122, 123 and 124) in the scope of ensuring the implementation of the EMP;</li> <li>e) reporting of EMP execution (as per the rules given in items 126, 127 and 128);</li> <li>f) cooperation with persons responsible for the implementation of the EMP in the Engineer's and Employer's team;</li> </ul> <p>The Engineer's approval is required for the person</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of the Defects Notification Period.</p>



Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	appointed to perform the above-mentioned function.	
122.	<p><b>Providing a team of environmental experts</b></p> <p>Throughout the whole Contract implementation period, the Contractor shall provide the team of environmental experts, composed of the representatives of the following specialisations:</p> <ul style="list-style-type: none"> <li>a) botanist-phytosociologist (natural habitats and protected plant species);</li> <li>b) botanist-bryologist (moss);</li> <li>c) dendrologist (principles of care and protection of trees);</li> <li>d) expert zoologist in invertebrates (protected species of invertebrates [especially butterflies and beetles], macrozoobenthos)</li> <li>e) zoologist-ichthyologist (fish);</li> <li>f) zoologist-herpetologist (amphibians and reptiles);</li> <li>g) zoologist-ornithologist (birds);</li> <li>h) zoologist-chiropterologist (bats);</li> <li>i) zoologist-mammalogist (non-flying mammals),</li> </ul> <p>These experts will be involved in the implementation of selected mitigation and monitoring measures identified in the EMP, in particular:</p> <ul style="list-style-type: none"> <li>a) mitigation measures listed under appendix 1 to the EMP in the items: 6, 10, 13, 14, 15, 16, 17, 18, 22, 26, 29, 30, 31, 34, 36, 37, 39, 40, 41, 42, 43, 44, 45, 46, 47, 53, 54, 58, 60, 61, 62, 63, 64, 67, 78, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 121, 122, 127 and 128;</li> <li>b) monitoring measures listed under appendix 2 to the EMP, in the items: 129, 130, 131, 132 i 133.</li> </ul> <p>The Engineer's approval is required for personal composition of the team of environmental experts. One member of the environmental experts' team may represent a maximum of two of the nature specialisations listed in points a-i above.</p> <p>Engagement of the above-mentioned experts within works concerning other tasks of OVFMP or in any other ventures may not limit their availability for the said Task.</p> <p>Before the commencement of works, the Contractor will present for the Engineer's approval the Quality assurance plan in scope of activities of the team of environmental experts.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of the Defects Notification Period.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
123.	<p><b>Ensuring the team of archaeological experts</b></p> <p>For the entire period of Task implementation, the Contractor will ensure the participation of a team of archaeological experts.</p> <p>The experts will be involved in execution of selected mitigation measures specified in the EMP (specifically this concerns the measures described in item 105, 106 and 107 of in Appendix 1 of EMP).</p> <p>Depending on the needs, a team of archaeological experts can consist of one or more people with the appropriate professional licenses. The Engineer's approval is required for personal composition of the team of archaeological experts. Engagement of the above-mentioned experts within works concerning other tasks of OVFMP or in any other ventures may not limit their availability for the said Task.</p> <p>Before the commencement of works, the Contractor shall present for the Engineer's approval the Quality assurance plan in scope of activities of the team of archaeological experts.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of works execution.</p>
124.	<p><b>Ensuring the team of sapper supervision</b></p> <p>For the entire period of Task implementation, the Contractor shall ensure the participation of the team of sapper supervision.</p> <p>This team will be involved in execution of selected mitigation measures specified in the EMP (specifically this concerns the measures described in item 97 of in Appendix 1 of EMP).</p> <p>Depending on the needs, a team of sapper supervision can consist of one or more people with the appropriate professional licenses. The Engineer's approval is required for personal composition of the team of sapper supervision. Engagement of the above-mentioned persons within works concerning other tasks of OVFMP or in any other ventures may not limit their availability for the said Task.</p> <p>Prior to the commencement of works, the Contractor will submit to the Engineer for approval a Quality Assurance Plan for the team of sapper supervision.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of works execution.</p>
125.	<p><b>Discussing the EMP implementation during working meetings and at Site Councils</b></p> <p>During the term of the Task implementation, monthly meetings will be held between representatives of the PIO, Engineer and Contractor to discuss and control the implementation of the mitigation and monitoring measures specified in the EMP.</p> <p>Regardless the above, current requirements and problems relating to EMP implementation will be discussed at all Site Councils.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of works execution.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
126.	<p><b>Reporting on the state of implementation of the EMP in monthly reports</b></p> <p>During the Task implementation period, the Contractor will submit to the Engineer monthly reports on the implementation of the conditions specified in the EMP (in the form of a checklist with the necessary attachments, including reports on the implementation of environmental supervision).</p> <p>A template of the above-mentioned report (checklist) will be developed by the Contractor and submitted to the Engineer for approval.</p> <p>Depending on the circumstances, the Engineer may request the Contractor to present additional reports, concerning, among other things, the emergence of emergency situations, implementation of selected items of EMP and others.</p>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2018 until the end of the Defects Notification Period.</p>
127.	<p><b>Providing information on the implementation of the conditions in items 13, 15, 16, 17, 22, 23, 34, 108, 109, 110, 111, 112, 114, 115, 116 and 117 in Appendix 1 of the EMP to RDOŚ in Wrocław</b></p> <p>Submit the information about arrangements referring to the manner and scope of the conducted measures specified in items 13 i 15, 16, 17 i 34, 22 i 23, 114, 115-117, 108-111 and 112 (i.e. the selected measures specified in the environmental decision issued by RDOŚ in Wrocław on 02/27/2015, issued by GDOŚ on 04/06/2016 and on 06/04/2019, as well as the documents confirming the participation of experts (e.g. reports on settlements and statements of experts confirming the proper conduct of measures) should be submitted to RDOŚ in Wrocław according to the following rules:</p> <ul style="list-style-type: none"> <li>a) during the period of Task implementation (applies to all the above measures): <ul style="list-style-type: none"> <li>– the Contractor shall submit the above-mentioned information to the Engineer within 30 days after making the arrangements and within 30 days after finishing to implement the arrangements;</li> <li>– the Engineer shall submit the above-mentioned information to the Employer within 15 days after receiving the above information from the Contractor;</li> <li>– the Employer shall submit the above-mentioned</li> </ul> </li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 2nd quarter of 2019 until the end of the Defects Notification Period.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>information to RDOŚ in Wrocław within 15 days after receiving the above information from the Engineer (i.e. with a 60-day deadline for submission of such information to RDOŚ after making the above-mentioned arrangements or after finishing to implement the above-mentioned arrangements).</p> <p>b) after the end of the Task implementation period (applies to the measures referred to in items 114-117 and 108-112):</p> <ul style="list-style-type: none"> <li>– The Employer shall submit the above-mentioned information to RDOŚ Wrocław within 60 days after making the arrangements and within 60 days after finishing to implement the arrangements.</li> </ul>	
128.	<p><b><i>Providing information on the implementation of the conditions in item 118 in Appendix 1 of the EMP to RDOŚ in Wrocław</i></b></p> <p>Information on the scope of implementation of the conditions listed in item 118 (i.e. the conditions specified in the decision of RDOŚ in Wrocław of 03/05/2019 ref. WPN.6400.6.2019.MH and ref. WPN.6400.27.18.MH.1) in a given calendar year should be submitted to RDOŚ in Wrocław in accordance with the following rules:</p> <p>a) in the years of 2019-2020 (for decision ref. WPN.6400.6.2019.MH):</p> <ul style="list-style-type: none"> <li>– the Contractor shall submit the above-mentioned information to the Engineer by December 15th of a given year;</li> <li>– the Engineer shall submit the above-mentioned information to the Employer by December 31st of a given year;</li> <li>– the Employer shall submit the above-mentioned</li> </ul>	<p><b>IMPLEMENTED AND COMPLETED.</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 4th quarter of 2019 until the end of works execution.</p>

Item	Mitigation measure listed under Appx. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>information to RDOŚ in Wrocław by January 15th of the following year.</p> <p>b) in the years of 2020-2021 (information for decision ref. WPN.6400.27.18.MH.1):</p> <ul style="list-style-type: none"> <li>– the Contractor shall submit the above-mentioned information to the Engineer by December 15th, 2020;</li> <li>– the Engineer shall submit the above-mentioned information to the Employer by December 31st, 2020;</li> <li>– the Employer shall submit the above-mentioned information to RDOŚ in Wrocław by January 15th, 2021;</li> </ul> <p>c) in 2021 (last information for decision ref. WPN.6400.6.2019.MH):</p> <ul style="list-style-type: none"> <li>– the Contractor shall submit the above-mentioned information to the Engineer by April 15th, 2021;</li> <li>– the Engineer shall submit the above-mentioned information to the Employer by April 30th, 2021;</li> <li>– the Employer shall submit the above-mentioned information to RDOŚ in Wrocław by May 15th, 2021.</li> </ul>	

## Part II. Checklist for implementation of the monitoring measures listed in Appendix 2 to the EMP for Contract 2A.1/1.

Explanations for the checklist presented in Part II

The measures listed under Appendix 2 to the EMP for Contract 2A.1/1 are grouped in 2 thematic categories (marked with letters A.- X.):

Cat.	Category Name	Item at EMP checklist
A.-W.	Monitoring of implementation of the mitigation measures in Appendix 2 to the EMP	1-128
X.	Requirements for the implementation of nature monitoring	129-134

The numbers in the column “*Item on EMP checklist*” – from 1 to 134 – stand for the numbers of relevant monitoring measures, according to the numbering in Appendix 2 of the EMP.

The following is given for each of monitoring measures:

- Description of the measure (marked with ***bold and italicised font*** together with number in the column “Item”);
- The content of the measure presented in the wording of Appendix 2 of the EMP (together with detailed implementation guidelines of a given monitoring measure given in Appendix 2 of the EMP)
- Description of the implementation status of the measure in the reporting period.

Table 2 Checklist for implementation of the monitoring measures listed under Appendix 2 to the EMP for Contract 2A.1/1.

Item	Monitoring measures listed in Appendix 2 of the EMP	Implementation status in reporting period
(1)	(2)	(3)
1-128	<p><b>Monitoring of implementation of the mitigation measures in Appendix 1 to the EMP</b></p> <p>In accordance with the descriptions given in items 1 – 128 in Appendix 2 of the EMP</p> <p><b>Place of monitoring</b> In accordance with the descriptions given in items 1 – 128 in Appendix 2 of the EMP</p> <p><b>Method of monitoring</b> In accordance with the descriptions given in items 1 – 128 in Appendix 2 of the EMP</p> <p><b>Period and frequency of monitoring</b></p>	<p>Monitoring of the measures was started from the date of the instruction to commence Construction Works (i.e. January 25th, 2018) and continued until the end of the reporting period (i.e. the End of the Defects Notification Period). No problems were identified with the implementation of the monitoring measures.</p>

Item	Monitoring measures listed in Appendix 2 of the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>In accordance with the descriptions given in items 1 – 128 in Appendix 2 of the EMP</p> <p><b>Monitoring unit</b> Contractor Team, Engineer team, Employer (in accordance with the descriptions given in items 1 – 128 in Appendix 2 of the EMP)</p>	
<b>Requirements for the implementation of nature monitoring.</b>		
129.	<p><b>Monitoring of condition of planting trees and bushes, referred to in item no. 108-112 App. 1 EMP</b></p> <p>For a period of at least 10 years after the planting of the trees and bushes referred to in items 108-112 in appendix 1 of the EMP, the condition of the said plantings shall be monitored.</p> <p>A report (photographic documentation and textual description) should be prepared from the results of the monitoring conducted in a given calendar year and submitted to RDOŚ in Wrocław according to the following rules:</p> <ul style="list-style-type: none"> <li>a) during the Task implementation period: <ul style="list-style-type: none"> <li>– the Contractor shall submit the above-mentioned report to the Engineer by December 15th of a given year;</li> <li>– the Engineer shall submit the above-mentioned report to the Employer by December 31st of a given year,</li> <li>– the Employer shall submit the above-mentioned report to RDOŚ in Wrocław by January 15th of the following year.</li> </ul> </li> <li>b) after the end of the Task implementation period: <ul style="list-style-type: none"> <li>– the Employer shall submit the above-mentioned report to RDOŚ in Wrocław by January 15th of the following year.</li> </ul> </li> </ul>	<p><b>IMPLEMENTED</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 3rd quarter of 2021 and was continued until the end of the Defects Notification Period.</p>
130.	<p><b>Monitoring of the technical condition of nesting boxes for birds, referred to in items 114 and 115 of Appendix 1 of the EMP</b></p> <p>For the period of at least 10 years after hanging the nesting boxes for birds, referred to in item 114 and 115 in appendix 1 of the EMP, these boxes should be inspected annually to assess their technical condition, with cleaning and any repairs or replacements carried out (as per the conditions given in item 114 and 115 in appendix 1 of the EMP).</p> <p>A written memo (photographic documentation and textual description) should be prepared from the results of the inspection conducted in a given calendar year.</p>	<p><b>IMPLEMENTED</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 2nd quarter of 2018 until the end of the Defects Notification Period.</p>

Item	Monitoring measures listed in Appendix 2 of the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>Information on the results of the inspection and information on the implementation of the inspection findings should be submitted to RDOŚ in Wrocław according to the following rules:</p> <p>a) during the Task implementation period:</p> <ul style="list-style-type: none"> <li>– the Contractor shall submit the above-mentioned information to the Engineer within 30 days after finishing the inspection and within 30 days after finishing to implement the arrangements resulting from the inspection;</li> <li>– the Engineer shall submit the above-mentioned information to the Employer within 15 days after receiving the above information from the Contractor;</li> <li>– the Employer shall submit the above-mentioned information to RDOŚ in Wrocław within 15 days after receiving the above information from the Engineer (i.e. with a 60-day deadline for submission of such information to RDOŚ after making the above-mentioned arrangements or after finishing to implement the above-mentioned arrangements).</li> </ul> <p>b) after the end of the Task implementation period:</p> <ul style="list-style-type: none"> <li>– the Employer shall submit the above-mentioned information to RDOŚ in Wrocław within 60 days after finishing the inspection and within 60 days after finishing to implement the arrangements resulting from the inspection.</li> </ul>	
131.	<p><b>Monitoring the settlement and technical condition of the black stork nesting platform, referred to in item no. 116 of appendix 1 to the EMP</b></p> <p>For the period of at least 10 years after installing the nesting platform for the black stork, referred to in item 116 in appendix 1 of the EMP, the platform should be inspected annually in terms of its colonisation by birds during the breeding period and to assess its technical condition, with making any repairs or replacements (according to the conditions described under item no. 16 of Appendix 1 to the EMP) – 2 inspections annually altogether.</p> <p>A written memo (photographic documentation and textual description) should be prepared from the results of the inspection conducted in a given calendar year.</p>	<p><b>IMPLEMENTED</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 1st quarter of 2019 and was continued until the end of the Defects Notification Period.</p>



Item	Monitoring measures listed in Appendix 2 of the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>Information on the results of the inspection and information on the implementation of the inspection findings should be submitted to RDOŚ in Wrocław according to the following rules:</p> <ul style="list-style-type: none"> <li>a) during the Task implementation period: <ul style="list-style-type: none"> <li>– the Contractor shall submit the above-mentioned information to the Engineer within 30 days after finishing the inspection and within 30 days after finishing to implement the arrangements resulting from the inspection;</li> <li>– the Engineer shall submit the above-mentioned information to the Employer within 15 days after receiving the above information from the Contractor;</li> <li>– the Employer shall submit the above-mentioned information to RDOŚ in Wrocław within 15 days after receiving the above information from the Engineer (i.e. with a 60-day deadline for submission of such information to RDOŚ after making the above-mentioned arrangements or after finishing to implement the above-mentioned arrangements).</li> </ul> </li> <li>b) after the end of the Task implementation period: <ul style="list-style-type: none"> <li>– the Employer shall submit the above-mentioned information to RDOŚ in Wrocław within 60 days after finishing the inspection and within 60 days after finishing to implement the arrangements resulting from the inspection.</li> </ul> </li> </ul>	

Item	Monitoring measures listed in Appendix 2 of the EMP	Implementation status in reporting period
(1)	(2)	(3)
132.	<p><b>Monitoring of technical condition of bat boxes, referred to in item 117 of Appendix 1 to the EMP</b></p> <p>For the period of at least 10 years after hanging the boxes for bats, referred to in item 117 in appendix 1 of the EMP, these boxes should be inspected annually to assess their technical condition, with cleaning and any repairs or replacements carried out (as per the conditions given in item 117 in appendix 1 of the EMP).</p> <p>A written memo (photographic documentation and textual description) should be prepared from the results of the inspection conducted in a given calendar year.</p> <p>Information on the results of the inspection and information on the implementation of the inspection findings should be submitted to RDOŚ in Wrocław according to the following rules:</p> <p>a) during the Task implementation period:</p> <ul style="list-style-type: none"> <li>– the Contractor shall submit the above-mentioned information to the Engineer within 30 days after finishing the inspection and within 30 days after finishing to implement the arrangements resulting from the inspection;</li> <li>– the Engineer shall submit the above-mentioned information to the Employer within 15 days after receiving the above information from the Contractor;</li> <li>– the Employer shall submit the above-mentioned information to RDOŚ in Wrocław within 15 days after receiving the above information from the Engineer (i.e. with a 60-day deadline for submission of such information to RDOŚ after making the above-mentioned arrangements or after finishing to implement the above-mentioned arrangements).</li> </ul> <p>b) after the end of the Task implementation period:</p> <ul style="list-style-type: none"> <li>– the Employer shall submit the above-mentioned information to RDOŚ in Wrocław within 60 days after finishing the inspection and within 60 days after finishing to implement the arrangements resulting from the inspection.</li> </ul>	<p><b>IMPLEMENTED</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 2nd quarter of 2019 until the end of the Defects Notification Period.</p>

Item	Monitoring measures listed in Appendix 2 of the EMP	Implementation status in reporting period
(1)	(2)	(3)
133.	<p><b><i>Monitoring the operational effectiveness of the tunnel under the dam body as a fish migration corridor</i></b></p> <p>Following the completion of reservoir dam construction, the effectiveness of the tunnel transferring the waters of the Nysa Kłodzka below the dam body as a corridor through which ichthyofauna moves (downstream and upstream) should be inspected.</p> <p>Information on the results of the inspection and information on the implementation of the inspection findings should be submitted to RDOŚ in Wrocław according to the following rules:</p> <p>a) during the Task implementation period:</p> <ul style="list-style-type: none"> <li>– the Contractor shall submit the above-mentioned information to the Engineer within 30 days after finishing the inspection and within 30 days after finishing to implement the arrangements resulting from the inspection;</li> <li>– the Engineer shall submit the above-mentioned information to the Employer within 15 days after receiving the above information from the Contractor;</li> <li>– the Employer shall submit the above-mentioned information to RDOŚ in Wrocław within 15 days after receiving the above information from the Engineer (i.e. with a 60-day deadline for submission of such information to RDOŚ after making the above-mentioned arrangements or after finishing to implement the above-mentioned arrangements).</li> </ul> <p>b) after the end of the Task implementation period:</p> <ul style="list-style-type: none"> <li>– the Employer shall submit the above-mentioned information to RDOŚ in Wrocław within 60 days after finishing the inspection and within 60 days after finishing to implement the arrangements resulting from the inspection.</li> </ul>	<p><b>IMPLEMENTED</b></p> <p>No problems were identified with the implementation of the measure.</p> <p>The measure was implemented from the 3rd quarter of 2023 until the end of the Defects Notification Period.</p>
134.	<p><b><i>Implementation of monitoring measures</i></b></p> <p>Implementation of the monitoring measures specified in the environmental decision of December 18th, 2015, listed in items 129-133 in appendix 2 of the EMP, during the years of contract duration.</p>	<p><b>IMPLEMENTED</b></p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 2nd quarter of 2018 until the end of the Defects Notification Period.</p>

**Part III. Quantitative list of implementation of the measures listed in Appendix 1 and 2 to the EMP for Contract 2A.1/1.**

The table below presents a quantitative list of the implementation of the measures listed in Appendix 1 and 2 of the Environmental Management Plan (EMP) for Contract 2A.1/1 within the reporting period.

Table 3. Quantitative list of implementation of the measures listed under Appendix 1 and 2 to the EMP for Contract 2A.1/1.

Category	Mitigation measures (items 1 – 128 in Appendix 1 to EMP)		Monitoring measure (items 1 – 134 in Appendix 2 to EMP)	
	quantity	item no.	quantity	item no.
The measures implemented and completed in the reporting period	128	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128	129	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 67, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 127, 128, 134
Measures implemented (required to be continued at the stage of reservoir operation)	-	-	5	129, 130, 131, 132, 133